ST. JOSEPH'S COLLEGE

St. Joseph's College ■ New York Suffolk Campus



1988-89 Catalogue

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St. Joseph's College
Suffolk Campus
1988-1989 Catalogue



155 Roe Boulevard
Patchogue, New York 11772
Admissions Office (516) 654-3200



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Notwithstanding anything contained in this catalogue, the College administration expressly reserves the right, where it deems advisable,

1. to change or modify its schedule of tuition and fees, and
2. to withdraw, cancel, reschedule or modify any course, program of study or degree, or any requirement in connection with any of the foregoing.

NOTICE OF NONDISCRIMINATORY POLICY AS TO STUDENTS

It is the policy of St. Joseph's College not to discriminate on the basis of race, color, religion, sex, national or ethnic origin, age, handicap or marital status in its educational programs, admissions policies, employment policies, financial aid or other school administered programs. This policy is implemented in compliance with Title IX of the Education Amendments of 1972, Title VI of the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973.

ACADEMIC CALENDAR 1988-89

FALL SEMESTER

Class periods will be 55 minutes (or 85, 165 mins.)

Sept.	6	Orientation for Freshmen and Transfer Students
Sept.	7	Classes begin
Sept.	7-13	Late registration and program changes
Sept.	11	Investiture and Honors Convocation
Sept.	27	Last day to opt for Pass/Fail
Oct.	10	Holiday—Columbus Day
Oct.	21	Last day to file for June 1989 graduation
Oct.	24	Last day to withdraw from courses
Nov.	24-Nov. 27	Thanksgiving Recess
Dec.	13	Study Day
Dec.	14-23	Final Examinations

WINTER INTERSESSION

Dec.	24-Jan. 22	Winter Recess
Jan.	3-Jan. 20	January Intersession
Jan.	16	Holiday-Martin Luther King Day

SPRING SEMESTER

Class periods will be 55 minutes (or 85, 165 mins.)

Jan.	23	Classes begin
Jan.	23-27	Late registration and program changes
Jan.	27	All incomplete grades from Fall term due in Registrar's office
Feb.	10	Last day to opt for Pass/Fail
Feb.	17	Make-up examinations for Fall semester
Feb.	20	Holiday—Washington's Birthday celebration
Mar.	9	Last day to withdraw from courses
Mar.	23-Apr. 2	Spring Recess
May	8-17	Final Examinations
		Commencements
June	3	Suffolk Campus
June	7	College of Arts and Sciences, Brooklyn
June	8	Division of General Studies, Brooklyn
June	30	All incomplete grades from Spring term due in Registrar's Office
July	17	Make-up examinations for Spring Semester

SUMMER SESSION

June	5-July 7	Summer Session (Tentative)

THE COLLEGE

GOALS OF ST. JOSEPH'S COLLEGE

St. Joseph's College, as an independent, liberal arts, coeducational college, seeks to create a free atmosphere in which students and faculty together can investigate the major areas of human knowledge as the bases for a more effective participation in the contemporary world.

The College attempts to realize this general philosophy by attaining a number of specific objectives. Among these are the following:

to affirm the dignity, freedom and ultimate value of the human person;

to provide an atmosphere for open dialogue, individual attention, innovative teaching, and creative experimentation;

to inspire in students a spirit of inquiry and the joy of learning as an on-going part of their lives;

to prepare students for their life work by providing the necessary professional and preprofessional training;

to provide effective academic programs to adults with diversified professional or educational backgrounds;

to educate students to an awareness of personal responsibility for an intelligent and critical participation in the local and world-wide community;

to utilize institutional resources effectively through cooperative ventures with other institutions of higher learning in the metropolitan and regional area.

HISTORY

Chartered by the Regents of the University of the State of New York on February 24, 1916, St. Joseph's College for Women, as it was then known, held its first classes at 286 Washington Avenue, located in the Clinton Hill section of Brooklyn. Two years later, having outgrown its original facility , the College moved to the present site of the main campus at 245 Clinton Avenue in Brooklyn. In recognition of its evident success, stability and soundness of program, the Regents granted St. Joseph's College an Absolute Charter in 1929. Reverend William T. Dillon, J.D., Professor of Philosophy, Dean of the College, and later its President, guided its growth during the significant years that followed. The College was accredited in 1928 by the Commission on Higher Education of the Middle States Association of Colleges and Secondary Schools. Maintaining high standards of academic excellence, professional competence, and a notable spirit of community service, the College drew increasing numbers of young women. Having pioneered in the study of Child Development, St. Joseph's opened a laboratory pre-school in 1934.

Sister Vincent Thérèse Tuohy assumed the presidency in 1956. Under her leadership, the long term development program for the College was concretized in the erection of two facilities . McEntegart Hall, a multi-functional building housing the library and classrooms, was opened in 1965; the Dillon Child Study Center followed in 1968.

Sister George Aquin O'Connor was elected President and assumed responsibility on July 1, 1969. In 1970, a Charter amendment changed the name to St. Joseph's College, New York and enabled the College to admit the first men students to full matriculation. On February 2, 1971,St. Joseph's College inaugurated an extension program in Suffolk County in the collegiate center formerly known as Brentwood College, and moved to develop a degree program in Brentwood oriented to the third and fourth years of college. This Upper Division baccalaureate program opened in September, 1972, and the Board of Regents of the State of New York authorized St. Joseph's College to join C.W. Post Center, L.I.U., in a Coordinate Campus program, the first such pattern adopted in the State. In 1976 on petition of the Trustees, this Suffolk County operation was authorized by the Regents to operate as a branch campus of St. Joseph's College. In 1978 St. Joseph's College expanded its operation at the Suffolk Branch Campus to a full four-year program, and in 1979 moved to a new twenty-five acre lake-side campus in Patchogue.

A continuing education program, which over many years had provided courses for adults on a non-matriculated basis in the early 1970's developed a more clearly defined program for non-traditional and/or career-oriented adults interested in earning a degree. In April 1974, the College registered with the New York State Education Department the Bachelor of Science in General Studies. This program

and additional programs designed for adult professionals are administered by the Division of General Studies, with courses offered in Brooklyn, at the Suffolk Branch, and at the extension sites.

LOCATION

The Suffolk Campus of St. Joseph's College is located in Patchogue at 155 Roe Boulevard. It is bounded on the north by Sunrise Highway. It is easily accessible from the south shore locations via Southern State, Sunrise Highway, and from central and northern Long Island via Veterans Highway, Patchogue-Holbrook Road, Nichols Road or Route 112. (See page 187.)

FACILITIES

The Suffolk Campus occupies the site formerly known as Seton Hall High School. The building has been significantly modified and adapted for collegiate use and now contains:

Administrative and Faculty Offices
Classrooms and Computer Center
Biology, Chemistry, Physics and Psychology Laboratories
Library
Art Studios and Music Room
Local History Center
Faculty and Student Lounges
Offices for Counseling
Cafeteria and Rathskellar
Auditorium and Chapel
Gymnasium

The Library at the Suffolk Campus is located in the lower level of the College building. Its present holdings include over 50,000 volumes and subscriptions to over 360 periodicals, supplemented by microforms, recordings, filmstrips, slides, maps and pictures. An LS/2000 computer system has been installed to provide an intergrated approach to complete automation of library services. Seating capacity for 115 students is provided and can be increased if demand so indicates.

Off-campus resources include the Library at St. Joseph's Brooklyn Campus with over 100,000 volumes and membership in two associations: Long Island Media Consortium and the Long Island Library Resources Council. These memberships establish cooperative associations with the academic and special libraries on Long Island and in the case of media, with the public library systems of Nassau and Suffolk. The hours of library service are adjusted to student need and are posted in the lobby.

The Clare Rose Repertory Theatre is an integral part of the development of St. Joseph's College and serves as a major teaching facility for the college's theatre courses, as well as the performance space for the college and local theatre productions.

In addition, the Campus features athletic fields, two champion-size tennis courts, a track, and parking facilities for 612 cars. This beautiful suburban setting provides a unique background for a satisfying intellectual, social and extra curricular collegiate experience.

Main Campus—Brooklyn

The main campus is located in the residential Clinton Hill section of Brooklyn. St. Joseph's College, an urban college with a campus, offers easy access to all transit lines, to the Long Island Expressway, to all bridges in Brooklyn, Manhattan, and Queens, as well as to the Verrazano-Narrows Bridge to Staten Island. This convenient location brings students from every part of the Greater New York Metropolitan area to the College each day, where they enjoy the freedom of campus life while profiting from the many cultural advantages of New York City. Within the space of one half hour, students leaving St. Joseph's College may find themselves in the Metropolitan Museum of Art, the 42nd Street Library, Carnegie Hall and Lincoln Center, the Broadway theatre district, Madison Square Garden, or Shea Stadium.

The College itself stands in the center of one of the nation's most diversified academic communities, consisting of six colleges and universities within a two-mile radius of each other. As a member of the Brooklyn Educational and Cultural Alliance which links these communities, St. Joseph's College offers its students easy access to the other colleges and such cultural facilities as the Brooklyn Academy of Music, the Brooklyn Public Library, and the Brooklyn Museum.

ACCREDITATION AND MEMBERSHIPS

Accreditation

The College is accredited by the following:

Commission on Higher Education, Middle States Association of Colleges and Schools

University of the State of New York, State Education Department

Membership

The College is a member of many associations, including the following:

American Council on Education

Association of American Colleges

Brooklyn Educational and Cultural Alliance

College Entrance Examination Board

Commission on Independent Colleges and Universities, State of New York

Long Island Regional Advisory Council on Higher Education

National Association of College and University Attorneys

National Association of College and University Business Officers

National Association of Independent Colleges and Universities

ADMISSIONS AND FINANCES

It is the policy of St. Joseph's College not to discriminate on the basis of race, color, religion, sex, national or ethnic origin, age, handicap or marital status in its educational programs, admissions policies, employment policies, financial aid or other school administered programs. This policy is implemented in compliance with Title IX of the Education Amendments of 1972, Title VI of the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973.

APPLICATION PROCEDURE FOR SECONDARY SCHOOL STUDENTS

Application forms for fall and spring semesters may be obtained from the Director of Admissions. Students in secondary school should make application preferably in their seventh semester. The application is not complete until the following credentials have been received by the Director of Admissions:

1. secondary school transcript
2. results of the Scholastic Aptitude Test administered by the Educational Testing Service of the College Board.

Although a personal interview is not required as part of the admissions procedure, candidates are encouraged to arrange for an interview with a member of the admissions staff. Such appointments can be made through the Admissions Office, which is open from 9-5 on weekdays during the academic year.

ADMISSIONS REQUIREMENTS

Admission to St. Joseph's College is an individualized process that utilizes standardized test scores in addition to a comprehensive review of high school performance and recommendations.

Admissions decisions are based on:

1. *evidence of completion of approved high school program; or Equivalency Diploma*
2. *record of subjects and grades indicating academic potential for college success*
3. *satisfactory SAT scores*

APPLICANTS FOR SCHOLARSHIPS AND AWARDS

High School Seniors: The College requires that all forms (SJC application, high school transcript, and SAT results) be received by the Admissions Office before March 15, 1989

SECONDARY SCHOOL REQUIREMENTS

The basic requirements for admission of candidates who have followed a four-year course in an accredited secondary school are listed in the following table. A unit signifies any subject pursued four or five times a week for one scholastic year.

	Prescribed Units
English	4
Languages	2
Mathematics	2
American History	1
Science	1
Electives	6

Electives

Credit will be given for additional work in history, science, mathematics, languages, and accredited courses in music, art, speech, and business subjects.

Mathematics Requirement

While two years of college preparatory mathematics are recommended for admission, three or four years of college preparatory mathematics are suggested for those who plan to major in biology or business administration and for premedical students.

Language Requirement

The College sets as it standard two years of study in one language, or one year of study in each of two foreign languages. Latin is acceptable as one of the languages for admission.

History Requirement

For admission to the freshman class, St. Joseph's College requires one year of American history.

Science Requirement

A one-year course in science on the secondary level fulfills the requirement for entrance to the College. Those students, however, who desire the science major or the premedical course will find two or more years of science on the high school level a better preparation.

EXEMPTION FROM SECONDARY SCHOOL ADMISSION REQUIREMENTS

The Admissions Council at St. Joseph's College is willing to consider the applications of candidates whose college preparation may vary from the prescribed pattern but who give evidence of their ability to do college work. The Council will also consider applications from students who submit evidence of a High School Equivalency Diploma based on the successful completion of the General Educational Development Tests.

EARLY ADMISSION PLAN

This plan is designed for students of high academic standing with a social maturity beyond their grade level. The Admissions Council will consider high school junior students for entrance into the College at the conclusion of their junior year in high school. Basic requisites are high academic achievement, parental approval and very strong recommendations from high school guidance personnel. Students must take the College Entrance Examination Board Scholastic Aptitude Test in the fall of their junior year. This program may be considered only in high schools which offer very strong academic preparation.

SCHOLASTIC APTITUDE TEST

Every candidate for admission to the freshman class must take the Scholastic Aptitude Test administered by the College Entrance Examination Board. Requests for the Bulletin of information and application forms should be addressed to:

College Board ATP
CN 6200
Princeton, New Jersey 08541-6200

The scores on the Scholastic Aptitude Test will be forwarded to the colleges listed on the candidate's application. St. Joseph's requires official scores. Our Code is 2802.

PLEASE CONSULT THE GUIDANCE DIRECTOR AT YOUR HIGH SCHOOL FOR SCHOLASTIC APTITUDE TEST DATES, OR CALL THE ADMISSIONS OFFICE AT 516-654-3200, Extension 123.

NOTE: Students applying for academic scholarships and awards should arrange to take the SAT in the second half of Junior Year or in the first half of Senior Year.

INTERNATIONAL STUDENTS

International students who seek admission should file their applications six months in advance of their anticipated matriculation date. In addition to school credentials, they are required to submit a certificate of health and scores on the Test of English as a Foreign Language. Applicants must have a total score of 500 in order to be considered for admission. The TOEFL bulletin of information and registration form can be obtained in a number of cities outside the United States. The application must be accompanied by an affidavit signed by the person who will be responsible for payment of full tuition and fees in advance.

Admission to St. Joseph's College is contingent upon acquisition of a valid student visa (F-1) from the United States Immigration and Naturalization Service.

ROLLING DECISION PLAN

The Admissions Office will review applications and credentials as they are received. In most cases an admissions decision is mailed within two weeks of receipt of all required credentials.

LIMITED PROGRAM ACCEPTANCE

Students who exhibit college potential, but do not meet general admissions standards, are accepted on a "limited program" basis. They are

enrolled for four courses, or twelve credits, for the first semester and are provided with a faculty advisor to assist in programming. The College assumes that the student will be able to make satisfactory progress at this institution.

CANDIDATES' REPLY DATE

Students who have been accepted for admission should reply by December 1 (for the spring term) or May 1 (for the fall term) to confirm their choice of St. Joseph's. Late applicants will be expected to confirm their acceptance within one week of notification. For acceptance deposit, see Statement of Costs.

REGISTRATION, PROGRAMMING, AND PLACEMENT

Students are notified in advance of the registration conference dates for the fall and spring semesters. During the registration period for September (fall) entrants, which is usually scheduled in May, the Chairpersons of Departments are available for group and individual consultation. Students who are undecided as well as those who have been accepted are encouraged to take advantage of this opportunity to discuss interests and educational goals with the Chairpersons. Under their advisement, the students then make their course selections for the fall term.

Students who apply or are accepted after the official registration period are advised by the Admissions Office of alternate registration dates.

ADVANCED PLACEMENT

Students who have taken advanced placement courses in secondary school may apply for college credit. St. Joseph's grants advanced placement and credit on the basis of the candidate's score on the Advanced Placement Examination administered by the College Entrance Examination Board and subject to approval of the departmental chairperson in whose field the advanced study has been done.

At registration, it is the student's responsibility to inform advisors of any A.P. credit in order to avoid duplication of course work.

Freshmen may also enroll with advanced standing upon presentation and review of an official transcript for college-level work completed.

COLLEGE PROFICIENCY EXAMINATIONS

Matriculated students may apply for credit or placement for the equivalent of St. Joseph's College courses on the basis of their successful completion of examination sponsored by:

1. CLEP—The College Board's College - Level Examination Program (Box 2815, Princeton, New Jersey 08541)
2. RCE— The New York State Education Department's Regents College Examinations.
 (State Education Department, Cultural Education Center, Albany, New York 12230)
3. USAFI—United States Armed Forces Institute (Commission on Accreditation of Service Experiences of the American Council on Education, One Dupont Circle, Washington, D.C. 20036.)

Students who wish credit or placement on the basis of any of these exams should have a copy of their scores forwarded from the sponsoring agency to the Registrar of St. Joseph's College. When a decision has been reached, the student will receive written confirmation of the credit or placement granted.

RE-ADMISSION

A student who has withdrawn from the College and who wishes to re-enter must complete an application for re-admission. Applications may be obtained from the Registrar or the Director of Admissions. The decision rests with the Dean.

TRANSFER STUDENTS: POLICIES AND PROCEDURES

Transfer students are welcome at both our Brooklyn and Suffolk Campuses. The College believes that transfer students add a new dimension by bringing fresh ideas and varied experiences.

Whenever possible, students who wish to transfer to St. Joseph's should file their applications at least six months in advance of the expected date of matriculation. Transfer students should request that official transcripts from former colleges, marked catalogues of former colleges, and a listing of courses in progress be sent to the Admissions Office, St. Joseph's College

St. Joseph's College provides for a block transfer of courses, up to 64 credits with satisfactory grades, for students who have earned an Associate in Arts, or an Associate in Science (with science emphasis) degree in a transfer program at an accredited Community or Junior college.

Transfer credit for an associate in Applied Science degree varies. An A.A.S. degree in Nursery Education can be transferred with little or no loss of credit because it will coordinate with our Child Study program. In general, however, the two year programs leading to the A.A.S. degree have beeen designed for immediate career preparation. St. Joseph's cannot guarantee, therefore, that it will transfer all or most of the courses and credits earned as part of the A.A.S. degree.

The determination rests upon the program followed, the choice of elective courses, and articulation with the major to be followed at St. Joseph's.

Records of students without an Associate degree will be evaluated on an individual basis in accordance with our Transfer Policy.

Prospective transfer students are encouraged to forward their transcripts to the Director of Admissions, requesting individual evaluations.

If a student transferring to St. Joseph's has an Associate degree, the student is not required to submit a high school record as part of the admissions procedure. This policy also applies to students without an Associate degree who have successfully completed 40-60 credits.

Each student will be given an official Review of Transfer Record, which will indicate courses and credits transferred, and any courses still needed to satisfy the St. Joseph's College Core Curriculum, as outlined in the current catalogue.

To complete requirements for the Baccalaureate degree, the student is responsible for any core requirements still outstanding; a major of 30 credits; any other requirements of the major; and a total of 128 credits, of which a minimum of 90 must be in the liberal arts for a B.A. degree.

Ordinarily, the minimum residence requirements for a St. Joseph's degree is three semesters, or 48-50 credits. Students who transfer to SJC as juniors are usually expected to complete their course and credit requirements at St. Joseph's College.

For students desiring to matriculate for their senior year, an interview will be required with the Dean as well as with the Director of Admissions to determine the educational desirability of such a transfer.

TRANSFER APPLICANTS FOR SCHOLARSHIPS AND AWARDS

The College requires that all forms (SJC application and transcript(s)) be received before August I, 1989 for the Fall Semester and January 1, 1990 for the Spring Semester.

STATEMENT OF COSTS

A remittance of $25 is payable when the application for admission is filed. The application fee is a service fee and is in no case returnable.

Annual Tuition and Fees

FULL-TIME STUDENTS	
Tuition—September to June	$4900 per year
College Fee	$50 per year
Mandated Accident Insurance	$5 per semester
Parking Fee	$5 per semester
Student Activities	$86 per year*

*This fee is levied by the Student Council for the support of student organized activities.

PART-TIME STUDENTS	
Tuition	$158 per credit
College Fee	
1 to 8 credits	$3 per credit
9 or more credits	$25 per semester
Mandated Accident Insurance	$5 per semester
Parking Fee	$5 per semester
Student Activities	$15 per semester*

*This fee is levied by the Student Council for the support of student organized activities.

NON-MATRICULATED STUDENTS (taking less than 12 cts./semester)
Total tuition charges and fees must be paid at registration.

Tuition	$158 per credit
Application Fee	$25
Insurance Fee	$5 per semester
Parking Fee	$5 per semester
College Fee	See Part-Time
Student Activities	See Part-Time

Special Fees

Laboratory fee (Bio, Chem, Physics, Computer, Psychology -, Studio Art—Consult course listing for specific fee.)	$20-$75 per course
Physical Education Fee (Consult course listing for specific fee)	
Graduation fee	$60
Late Registration fee	$25
Make-up examination fee	$25
Change of program (each form)	$20
Child Study Program fee (Junior Year—Second Term)	$10
Transcript	$ 3
Identification card	$ 4
Fee for checks returned by bank	$25
Tuition Extension Fee	$25-$100

TUITION POLICY

Full-time students accepted for admission must make a tuition deposit of $150 and part-time students $75 at the time of registration. The deposit is not refundable, but it will be credited toward the first term's tuition.

A student's bill for tuition and fees is based on the number of credits for which a student intends to register, less applicable financial aid or scholarships for that semester. Scholarships or student aid may only be subtracted if all related applications and other information have been submitted on a timely basis. Payment of the remaining balance constitutes "Clearance" by the Business Office.

Bills for the semester must be cleared by the Business Office before students may attend class. Students who do not receive financial clearance from the Business Office will not be officially registered at the College for that semester. Students may not enroll for a successive semester until their accounts have been completely satisfied.

St. Joseph's College is sensitive to those of you who may be experiencing some financial difficulty. With this in mind, we make available several tuition financing options through our tuition deferment programs. The two monthly budgeting programs the college offers are The Tuition Plan, Inc. and Academic Management Services. Basically, these programs are designed to afford you the opportunity to pay your educational expenses in monthly installments instead of in one lump-sum payment. You may elect to contract with either of these services for nominal initial participation fee, prior to, or at the beginning of each new academic year. (You should have been mailed brochures directly from the Tuition Plan and AMS; if you have not received them, and are interested in either of the two plans, there are brochures and applications on-hand in the Business Office, or you may call AMS directly at 1 (800) 556-6684; the Tuition Plan at 1 (800) 343-0911).

For those of you who are unable to pay what is owed by the first day of class (unless, of course, you are enrolled with either the Tuition Plan or Academic Management Services), your account will automatically default to St. Joseph's College Tuition Extension Agreement. Unlike the other two deferment programs, under the St. Joseph's College Tuition Extension Agreement, a finance charge will be assessed.

If you have any questions regarding the College's tuition policy, please contact the Bursar (Brooklyn Campus at (718) 636-6881 or Suffolk Campus at (516) 654-3200 Ext. 126.)

Students who fail to comply with these regulations will be subject to suspension until the requirements are met.

FLAT-RATE. The flat rate for tuition covers 32 credits per year (an average of 16 per term) for a total 128 credits in eight terms. Full-time students—those taking at least 12 credits—are charged the flat rate of $4900 per year. Inter-session and Summer Session courses are not included within the flat-rate tuition. Full-time students who take more than 32 credits per year or 18 credits per semester will be charged $158 for each additional credit.

PER CREDIT. Part-time students—those taking fewer than 12 credits—are charged $158 per credit.

Neither a transcript nor a diploma will be issued until all financial obligations are settled. The College reserves the right to alter tuition charges and fees when such changes become necessary.

WITHDRAWAL FROM A COURSE OR FROM THE COLLEGE: TUITION REFUNDS

Full-time students who receive permission to withdraw from a single course are not entitled to a refund, unless the withdrawal involves extra credits, paid for by the point. In such cases, the student may ask for a refund of the extra tuition within the first four weeks of the term. Part-time students who withdraw from a course may also apply for a refund.

Withdrawal from the College may entitle a student to a refund of tuition but not of fees.

The percentage of refund in all cases will be determined according to the following schedule:

Withdrawal Effective	*% of Refund*
Prior to beginning of term	100%
Within First Two Calendar Weeks	80%
Within Third Calendar Week	60%
Within Fourth Calendar Week	40%
Within Fifth Calendar Week	20%
After Fifth Calendar Week	No Refund

This schedule does not apply to the tuition deposit required of first time students. This deposit is non-refundable.

In the absence of written notification, the date of withdrawal is determined by the Dean.

Refunds of financial aid awards, student loans, etc., are not refundable until the actual funds have been received by the College and the student's eligibility for the funds has been determined.

A refund will not be granted to a student who is dismissed or who withdraws while under disciplinary action.

A student who feels that his individual circumstances warrant an exception to the College's refund policy may submit a written appeal for special consideration to the Controller, Ms. Georgeann Kelly. The Controller's decision is subject to appeal to the Chief Business Officer, Mr. John C. Roth.

In order to initiate a request for a refund, a student must complete a Refund Application Form at the Business Office, or apply by mailing a written request bearing the student's signature to the Business Office.

It is necessary to allow for a minimum of 5 business days for processing the refund application and for preparing the refund check which may be picked up at the Business Office or, upon request, may be mailed to you.

SCHOLARSHIPS AND FINANCIAL AID PROGRAMS

All matriculating students, including transfer students, may apply for financial aid. Consideration for a scholarship or financial aid from St. Joseph's College is dependent upon making application and receiving official notification of acceptance into the College.

To be considered for a scholarship or any form of financial aid from government campus-based programs or College sources, the student must submit **each year:**

1. Financial Aid Form to the College Scholarship Service, Princeton, New Jersey 08541, designating St. Joseph's College as recipient. Fall entering students should file by February 25 for the coming academic year; Spring entering students by November 15 for second semester of academic year. Renewals for aid should file by April 30. Transfers should file by March 15. Priority will be given to students who adhere to filing dates.
2. Pell Grant application. Use Financial Aid Form *or* Federal Aid Application.
3. Appropriate state applications. New York State residents: use New York State Financial Aid Form or TAP application (Tuition Assistance Program) for full-time students; APTS application (Aid for Part-Time Study) for part-time students.
4. Verify parent/student/spouse incomes by providing signed copies of federal/state tax returns to the Financial Aid Office.

Student Aid Recipients: Rights and Responsibilities

Students who receive financial aid are responsible for finding out the number of credits they must carry/complete each term and the academic standards they must meet and maintain to be eligible for these programs. Students are expected to maintain satisfactory academic progress and be making normal progress toward the completion of degree requirements. Federal financial aid recipients and college financial aid recipients should consult the Academic Standing section of this catalogue. New York State financial aid recipients should consult the NYS financial assistance section of this catalogue.

Students who receive any federal or state educational funds must attest that the use of these funds will be for education and educationally related expenses. It is the student's responsibility to notify the Financial Aid Office, in writing, of the amounts and sources of any outside aid the student might receive (i.e., tuition reimbursement, private scholarship, etc.). Eligibility for various programs may be affected by a student's previous loan default and/or repayment owed to Pell Grant, SEOG, etc. Federal and/or state tax forms must be presented for verification purposes.

Transfer students must also have a Financial Aid transcript sent to St. Joseph's from each previous college attended. This is a federal government requirement even if the student did not receive aid from the prior school(s). A student who transfers from one college to another should check with the financial aid office at the new college as financial aid is not automatically transferred.

Any student may request and receive an explanation of how his/her financial aid or refusal of it was determined. Most financial aid awards are based upon financial need as determined by need analysis methodology (Congressional Methodology). There is, however, a distinction between eligibility for financial aid and availability of funds. Federal regulations mandate that the neediest students must be considered for financial aid first.

Annual Student Budget: 1988-89

The following estimated costs per academic year at St. Joseph's College are provided to help you in your financial planning.

Full-time tuition is $4900 per year. There is a college fee of $50 per year; a mandated accident insurance fee of $10 per year; a laboratory fee of $20—$50 per course; and a student activity fee of $86 per year levied by the Undergraduate Association for the support of student organized activities. All costs are subject to change.

Expenses for an average dependent student "living at home" will be approximately $1500. Books and supplies will be about $450; personal expenses about $600 and transportation about $900.

Student Aid Refunds

Students who withdraw from the college may have to refund a portion of their financial aid back to the program from which it came. This includes students who receive financial aid for personal expenses and who withdraw during the semester. Such students will owe a prorated refund to the fund(s) which generated the personal expense monies for the period they were not enrolled. The order in which such monies are returned to the fund is: Supplemental Educational Opportunity Grant, Pell Grant, Perkins Loan, previously National Direct Student Loan, and institutional aid. In the event the student has a Guaranteed Student Loan, the lending institution would be notified of the date of withdrawal.

SCHOLARSHIPS

Criteria for scholarship eligibility and application procedures are available on request.

Board of Trustees Scholarships

The Board of Trustees of St. Joseph's College awards to entering freshman students with outstanding academic records full-tuition scholarships annually on the basis of high school achievement and College Board Scholastic Aptitude Test scores.

Blanche A. Knauth Scholarships

The Blanche A. Knauth full-tuition/partial tuition scholarships are awarded each year to outstanding female students, in accordance with the terms of the Knauth Estate.

Presidential Scholarships

A number of full-tuition scholarships are offered each year to entering freshman students whose academic performance shows promise of above average college achievement.

St. Joseph's College Selected High School Scholarships

Entering freshman students from selected high schools who have been recommended by their guidance counselors will be considered for these scholarship awards of up to $3000 per year.

Linnaeus Scholarship for Biology Majors

St. Joseph's College will award annually full-tuition Linnaeus Scholarships to qualified incoming freshman biology majors.

Academy of St. Joseph

This is a full-tuition perpetual scholarship.

Scholastic Achievement Awards

A number of Scholastic Achievement Awards up to $2500 per year are given to entering freshman applicants who demonstrate academic and personal qualities which would enrich the college community.

Academic Achievement Scholarships

Entering transfer students with a 3.6 cum or better (4 pt. scale) and an Associate's degree will be granted an automatic scholarship up to $2000 per year. Certain conditions apply.

Entering transfer students with a 3.3 cum or better (4 pt. scale) will be granted an automatic scholarship up to $1000 per year. Certain conditions apply.

The Rt. Rev. William T. Dillion Scholarships

Through the generosity of friends and alumni, these partial scholarships are awarded in the name of a late President of the College.

St. Joseph's College Alumni Scholarships

St. Joseph's College Alumni Association offers scholarships to sons and daughters of alumni. If funding permits, other relatives of alumni are considered. Awards are based on achievement and/or financial need. Students wishing to apply must write to: Chairperson, Alumni Scholarship Committee, Alumni Office, St. Joseph's College, 245 Clinton Avenue, Brooklyn, New York 11205 before March 15th of the year of matriculation.

Other Scholarships

Through the generosity of friends a number of scholarships are offered to deserving students. Unless special conditions are named by the donors, the only requirement governing the awarding of a scholarship is that the candidates shall have given evidence of high academic promise.

Unless otherwise stated, eligibility for any of the above scholarships or awards is contingent upon application and admission to St. Joseph's College and compliance with those regulations included in the Letter of Acceptance for such scholarships or awards. These regulations are available upon request. Scholarship awards are recommended by the St. Joseph's College Scholarship Committee.

OTHER FINANCIAL AID PROGRAMS

GRANTS

St. Joseph's College Grants

Grants are determined on the basis of financial need, academic promise, special interests, and available funds. Grants range up to $1000 per year.

If two or more members of a family are enrolled as full-time SJC students, a $200 per year credit will be applied toward the elder student's tuition.

NEW YORK STATE FINANCIAL ASSISTANCE

Tuition Assistance Program (TAP)

Full-time matriculated students who have been residents of New York State for a year may be eligible to receive tuition assistance of $350 to $2850 depending upon the family's net taxable income, the number of full-time college students in the family, and eligibility for varying schedules. Annual application is required.

Regents College Scholarships for Undergraduates

Candidates should seek directions from their high school principal and/or guidance counselor for this $250 per year award.

Empire State Challenger Scholarships for Teachers

This program was established by New York State and provides financial aid for prospective teachers in a field of study which has been designated by the Commissioner of Education as a teacher shortage field. Awardees are required to be residents of New York State and must agree to teach in an elementary or secondary school located in New York State.

Undergraduate scholarships are for full-time study only and provide for up to $3000 annually depending upon actual tuition and fees charges. If the scholarship recipient also received a TAP award, the combination of TAP and the scholarship cannot exceed tuition and fees.

Child of Veteran Award

Applications may be obtained from high school guidance counselors or by writing to the Corporation. The award is $450 per year.

Child of Deceased Police Officers or Firefighters Award

Applications may be requested from the NYS Higher Education Services Corporation. The award is $450 per year.

Aid for Part-Time Study (APTS)

Part-time matriculated students who have been residents of New York State for a year may apply for this grant program. APTS applications are available in the Financial Aid Office.

Information on all the above may be obtained by writing to the New York State Higher Education Services Corporation, Albany, New York 12255

Satisfactory Progress Requirements for New York State (NYS) Aid Recipients

St. Joseph's College must comply with regulations issued by the NYS Commissioner of Education concerning a student's academic standing and receipt of NYS aid.

Good academic standing for NYS aid consists of two elements:

(1) Pursuit of program - a requirement that a student complete 50% of a full-time program in his/her first year of NYS aid; 75% of a full-time program the second year of NYS aid; and 100% of a full-time program the third and fourth years of NYS aid. The same percentages apply to students receiving Aid-for-Part-Time Study (APTS).

(2) Satisfactory academic progress - a requirement that a student accumulate a specified number of credits and achieve a specified cumulative grade point average each term. The chart that follows is for full-time students. Requirements for part-time students are pro-rated.

Before being certified for this payment	1st	2nd	3rd	4th	5th	6th	7th	8th	9th**	10th**
A student must have accrued at least this many credits	0	3	9	21	33	45	60	75	90	105
With at least this grade point average	0	1.00	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90

**NOTE: Only students in five-year programs, approved pursuant to Section 145-2.7 of the Regulations, are eligible for more than eight semesters of undergraduate awards.

Students must meet both (1) the program pursuit requirements and (2) the satisfactory academic progress requirements in each term of payment in order to continue NYS aid eligibility. Students not complying with the above standards will have their eligibility re-established only after evidencing ability to complete successfully an approved program.

In extraordinary circumstances, a student may be granted a waiver of program pursuit and/or satisfactory progress requirements. This is available only once during a student's entire undergraduate career. For information about the process of filing for a waiver, please contact the Registrar. The Academic Dean reserves the right to grant or withhold the waiver.

Students should note that these Satisfactory Progress Requirements are for the purpose of New York State financial aid eligibility only.

Rehabilitation

Students who suffer from a chronic illness, emotional problem, or who are physically disabled may be eligible for a grant which would help cover tuition and book fees. Contact the Office of Vocational Rehabilitation, New York State Education Department, Albany, New York 12230.

New York State Post Secondary Education Fund for Native American Students

Further information is available from Native American Education Unit, New York State Education Department, Albany, New York 12230.

FEDERAL PROGRAMS

Pell Grants

Pell Grants are awards to help undergraduates pay for their education after high school. Eligibility is determined by a standard formula, revised and approved every year by Congress, to evaluate the information reported when applying for a Pell Grant. The maximum award for 1988-89 academic year is $2,200.

Supplemental Educational Opportunity Grants (SEOG)

A Supplemental Educational Opportunity Grant (SEOG) is an award to help undergraduates pay for their education after high school. It does not have to be paid back. Grants range up to $4,000 depending on a student's financial need, availability of SEOG funds, and the amount of other aid a student is receiving.

College Work-Study Program (CWSP)

The College Work Study Program (CWSP) provides part-time employment funds for college students who need financial aid to help meet college expenses. A student's CWSP award depends on financial need, availabiltiy of CWSP funds, and the amount of other aid a student is receiving. Students are paid by the hour.

Perkins Loans
National Direct Student Loans (NDSL)

A Perkins Loan (previously named National Direct Student Loan/NDSL) is a low-interest (5%) loan to help students pay for education after high school. Perkins Loan amounts depend on student financial need, availability of Perkins Loan funds, and the amount of other aid a student is receiving. Maximum Perkins Loan is $4,500 for first 2 years; $9,000 as an undergraduate. Presently repayment of principal and 5% interest starts 9 months after leaving school. Students may possibly qualify for postponement or cancellation benefits.

Guaranteed Student Loans (GSL)

A Guaranteed Student Loan (GSL) is a low-interest loan (currently 8% for new borrowers) made to students by a lender such as a bank, credit union, or savings and loan association to help a student pay for education after high school. GSL loan limits are $2,625 for the first two years of undergraduate study, $4,000 for subsequent undergraduate study, and an undergraduate aggregate limit of $17,250.

Students must undergo a full needs analysis to determine family contribution as permitted by statute and regulations. These loans are insured by the guarantee agency in a student's state and reinsured by the federal government. Loan repayments begin 6 months after a student leaves school or drops below half-time status.

Supplemental Loans to Students (SLS)

Under the SLS independent undergraduate students are eligible to borrow. The program provides for maximum annual loan of $4,000, an aggregate loan limit of $20,000 and provides that such loan limits do not include amounts borrowed under the GSL or PLUS programs. Loans made under SLS are not eligible for interest benefits. Repayment is to begin wtihin 60 days after disbursement, except that the borrower is entitled to certain deferments of repayment of principal. SLS loans have a variable interest rate.

Parent Loans for Undergraduate Students (PLUS)

Parents may borrow up to $4,000 per year for dependent undergraduate students, with an aggregate loan maximum for each eligible student of $20,000. These loan limits do not include amounts borrowed by a student under the GSL or SLS programs. PLUS loans do not qualify for interest benefits. PLUS loans have a variable interest rate.

GSL, SLS, and PLUS applications are available from a bank, savings and loan association, credit union, or pension and welfare fund.

Supplemental Security Income (S.S.I.)

S.S.I. may be available for students who themselves are disabled. Further information is available from the student's local Social Security office.

Federal Scholarship for American Indians

Further information is available for the United States Department of Interior, Bureau of Indian Affairs, New York Liaison Office, Federal Building, Room 523, 100 South Clinton Street, Syracuse, N.Y. 13260.

Other Federal Student Financial Aid Programs

A large number of special-purpose federal programs exist of a variety of types. The most authoritative reference for additional information is: Catalog of Federal Domestic Assistance, Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

VETERANS INFORMATION

Veterans and Children of Deceased Veterans

St. Joseph's College is fully approved by the New York State Education Dept. as well as other agencies for college-level education programs for veterans under federal and state laws. Veterans and children of veterans who qualify desiring to pursue a course of study must present a Certificate for Education and Training.

Information concerning these programs may be obtained by contacting the Veterans Administration Office, 252 Seventh Avenue, New York, N.Y. 10001.

Over 80% of SJC's full-time students receive funds from federal, state, or college sources.



STUDENT LIFE

In keeping with St. Joseph's objective of educating the whole person in an environment which permits the student to grow through self-direction and responsibility, the administration and faculty have granted the students a high degree of control over extra-curricular affairs. Moreover, the College Governance structure, especially through elected student representation on the College-Advisory Council, encourages students to participate in college policy-making.

The College has a long history of faculty-student cooperation. It is hoped that through the sharing of mutual concerns, ideas, and problem-solving, the community that is St. Joseph's will provide students with emotional maturity so that they will reach their full potential as persons and give leadership in their immediate society and the larger communities of the nation and the world.

The student who is admitted to St. Joseph's College accepts the requirements and regulations stated in the College Catalogue and the Student Handbook, including the statement on Rights and Responsibilities, the Student Code of Conduct, and the Student Grievance Procedures. The College reserves the right to initiate due process for the dismissal of a student who fails to meet these standards.

OFFICE OF THE DIRECTOR OF STUDENT SERVICES

The Office of the Director of Student Services is the center from which student activities are coordinated and administered. All Student Services are under the supervision of this office.

Student Government

Student power is vested in the Undergraduate Association. The Senate, the legislative body, under the leadership of the Council, supervises all activities of the student body. It approves the annual budget drawn up by the Budget Committee under the chairmanship of the U.A. treasurer and authorizes the expenditure of the remaining funds; it admits new organizations to the Undergraduate Association and approves the constitutions of all clubs and committees under its jurisdiction.

Student Activities

Students at St. Joseph's enjoy the intimacy of a small college and the advantages of the many cultural and recreational facilities in nearby metropolitan New York. Within the College, clubs and social affairs are initiated by the students according to their interests. Some of the more popular social events include mixers, films, parties in the Rathskellar, concerts, a Christmas dance, and the annual dinner dance.

Credit for Co-Curricular Activities

Students may earn ½ academic credit per semester for a total of two credits toward the degree for participation in D'Ecclesians (Dramatics), and Men's/Women's Intercollegiate Sports. The Moderator of each activity will provide details.

STUDENT SERVICES

Student services, administered by the Director of Student Services, are designed to create a climate in which students, while developing academically, can at the same time be encouraged to recognize and utilize their potential in every facet of their lives. Each of the services and activities provided is in some way designed to further student development and reflects a conviction that the College accomplishes its educational purpose only when students understand and strive to fulfill their needs and clarify their goals.

Freshman Orientation

St. Joseph's College is committed to making the transition from high school to college a smooth one. It is in this spirit that prior to the opening of the fall and spring semesters, an orientation program is planned for all new students. This program includes information workshops, social activities, and tours of the campus. The orientation is continued during the semester through the Freshman Seminar, a course designed to help promote success in college.

Health

To insure that the condition of the health of students does not interfere with their learning and to safeguard the college community from communicable diseases, all entering students are required to file with the Director of Student Services by September 1 (for fall semester) and February 1 (for the spring semester) "The Confidential Medical Report Form" signed by a doctor of their choice. (The form is provided by the College.) We further request that students make known any serious disability they may have so that in the event of their sudden illness on campus, we may provide the proper care. This information will not be placed in their permanent records file. It will be available to the Director of Student Services or her delegate. Failure to register this information frees the College from any responsibility for special treatment in the event of illness.

The students are mandated to pay a fee for an accident insurance policy. Information as to the benefits and limitations of this policy may be obtained in the office of the Director of Student Services. Advice on claims is handled by that office. Further, students may obtain, at their own expense, coverage under the Blue Cross/BlueShield Student Health Benefits Program. St. Joseph's College does not assume any obligation or responsibility in the administration of this program or the processing of any claims. Information may be obtained from the Student Services office.

Religious Development

A faculty-student committee on Campus Ministry plans a program of religious activities on campus. Faculty join students in the celebration of the liturgy, in dialogues, lectures, film discussions, and at other religious experiences. Participation in all religious activities is optional.

The services of campus ministers of different faiths are available.

OFFICE OF COUNSELING AND CAREER SERVICES

Through individual interviews the students are assisted in understanding themselves, in evaluating their potentialities, and in planning their college course in the light of past achievements, vocational and personal interests and special aptitudes. Every student may consult this office as often as his or her needs and interests demand. All freshmen are scheduled for an interview during the first semester. Personal counseling is available on a self-referral basis. Confidential meetings with the student are designed to promote personal growth and the development of effective coping skills. Referral services are made available when a need is indicated or a request is made.

Academic Counseling

Although the Academic Dean is primarily responsible for the supervision of the academic climate and development of students, academic counseling is also shared by chairpersons and members of the departments, the faculty advisors, and the Office of Counseling and Career Services. Each student is assigned to a faculty advisor. The Committee on Academic Development also gives attention to each student. Because St. Joseph's is a relatively small college, this individual attention is possible.

Testing

Testing is coordinated in the Office of Counseling and Career Services. In addition to the freshman testing program, an individual may request interest and aptitude testing. The results of all testing will be discussed with the student and are considered confidential.

Graduate Study Information

The Office of Counseling and Career Services serves as a resource area for graduate catalogues, program offerings, and grant information. Consultation is available here as well as through Departmental Offices.

Career Counseling

Career counseling is undertaken in conjunction with the departments. Career information is kept current and is available to students through this office.

The Director of Counseling and Career Services offers two one-credit courses in career education open to all students. Full descriptions of the courses may be found in the Career Education section following the Education Department listings.

Placement

Requests for full and part-time employment are handled through the Office of Counseling and Career Services. Guidance is given students regarding job application and placement. References are furnished upon request.

ACADEMIC LIFE

The administration and faculty recognize the college years as particularly crucial in the personal development of each student. A strong liberal arts program provides a humanistic reference point from which students can explore contemporary issues, urban affairs, and career opportunities. Through the study of influential ideas and actions, and through interchange with faculty and other students, each student has the opportunity to grow not only intellectually but as a total person. The synthesis, of course, rests with the student.

Students are encouraged to take advantage of the opportunities in a small college for extra-curricular involvement and committee participation, as well as for ongoing dialogue with faculty in the major department. In this way, students can help to create the ambience of their academic lives.

The academic year consists of the fall and spring semesters, and optional summer session and intersession in January. The Calendar appears at the beginning of this catalogue.

DEGREE PROGRAMS

St. Joseph's College, Suffolk Campus, offers the following degree programs, which are registered with New York State Education Department.

BACHELOR OF ARTS in Biology, Child Study, English, History, Human Relations, Psychology, Social Science. Students applying for the B.A. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 90 of which must be in the liberal arts. Those who wish to teach on the elementary or secondary level will also follow the programs approved for teacher certification.

BACHELOR OF SCIENCE in Biology. Students applying for the B.S. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts. Those who wish to teach on the secondary level will also follow the program approved for teacher certification.

BACHELOR OF SCIENCE in Business Administration. Students applying for the B.S. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts.

BACHELOR OF SCIENCE in Business Administration with a major in Accounting. This program prepares for the C.P.A. exams. Students applying for the B.S. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts.

BACHELOR OF SCIENCE in Recreation. Students applying for the B.S. in Recreation must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts.

BACHELOR OF SCIENCE in General Studies, Community Health, Health Administration and Management of Human Resources. The Division of General Studies administers these degree programs, designed especially for adults with non-traditional academic backgrounds or with professional training and experience. Of the 128 credits required for the degree, at least 60 must be in the liberal arts.

BACHELOR OF SCIENCE with a major in Nursing. The Division of General Studies administers the nursing degree program. The program is designed specifically for registered nurses. The curriculum consists of 128 credits; which includes lower-division course requirements and upper-division courses. At least sixty credits must be in the liberal arts.

For details, contact the General Studies Division at either of the following:

St. Joseph's College
245 Clinton Avenue
Brooklyn, N.Y. 11205
(718) 622-4690

or

St. Joseph's College
Suffolk Campus
155 Roe Boulevard
Patchogue, N.Y. 11772
(516) 654-3200, Extension 166

For all degrees, a cumulative index of 2.0 is required, as well as an index of 2.0 in the major (higher, if so indicated by the major department.)

CORE CURRICULUM

The academic departments in the College represent the areas of human knowledge and culture which are essential for a liberal education—that is, for free men and women who must assume responsibility for directing their own lives and contributing to national and international decisions. By grouping the departments under three broad headings, we have indicated the relationships of the various disciplines. To ensure some understanding of the values of each of these areas, we require all students to offer a core of courses for the degree, according to the following general plan. These courses may be taken at any point during the first three years at which students feel most ready or at which they recognize the need.

The *Core Curriculum* seeks breadth and balance.

Breadth: The primary effort is to ensure that students have some understanding of all major areas of knowledge. Core courses serve as an entry into a discipline and provide understanding of the scope and methodology of the discipline.

Balance: The faculty have emphasized the need for balance in the curriculum by designating a given number of courses to be taken in each of the major divisions.

All Students Must Take One Course In English Compostion. This Course Is In Addition To The Sixteen Courses To Be Taken From The Following Three Divisions.

HUMANITIES

All students will take EIGHT courses in the humanities; at least SIX of the following subject areas must be represented:

Art
Classical Studies—history, literature, philosophy of Greece and Rome
English or American literature
Modern language and literature—Italian or Spanish, in the original or in translation
Music
Philosophy
Religious Studies
Speech Communication

N.B. 1) Students who take one of the prescribed core courses in Art and/or Music may also offer one studio course in art and/or music toward the Core Curriculum.

2) The following courses may be offered toward the general Humanities requirement of the Core Curriculum (but not toward the required six areas):
Dance 101—Modern Dance
Humanities 102—The Cathedral of Bourges

HISTORY AND SOCIAL AND BEHAVIORAL SCIENCES

Three courses representing THREE areas:
1 in the field of history
2 from the Social and Behavioral Sciences
Anthropology
Economics
Political Science
Sociology
Psychology/Child Psychology

NATURAL SCIENCES AND MATHEMATICS

Three courses including:

1 in a laboratory science (biology, chemistry, earth science, physics)

1 in mathematics (not a computer course)

1 in either mathematics (including computer) or science (not necessarily laboratory)

Students who plan to major in biology should take, in freshman year, the introductory courses which will prepare them for the sequence required within the major.

ADDITIONAL COURSES

All students will take TWO additional courses. These courses may be taken in the same curricular division or in different divisions (i.e., in Humanities, History and the Social and Behavioral Sciences, and in the Natural Sciences and Mathematics).

No student may offer more than THREE courses in any one area to satisfy the core curriculum requirements (for example, no more than three courses in art or history or biology or mathematics).

MAJORS

Each student develops depth by choosing one of the major academic areas for intensive study. Under the guidance of the Chairperson of the Department, the student will select courses for a total of at least 30 credits in accord with departmental requirements. (N.B. In some instances, courses offered to satisfy the core requirements may also be offered toward the major.)

ELECTIVES

In addition to the core curriculum and major area, students also choose courses which support their majors, broaden their interests, or advance their educational and career goals.

CERTIFICATE PROGRAMS AND CAREER TRACKS

These programs offer students the option of combining courses in their major field and/or in electives in order to develop knowledge and skill in a particular area oriented to a career interest. Students may wish to consult the catalogue sections on Certificate Programs and Career Tracks.

Liberal Arts Programs (Plan A). A broad general education, including core curriculum, major field, and electives, is still considered the best possible preparation for life. The intellectual skills involved help the student to develop the adaptability needed in a rapidly changing society. This educational program may be combined with career orientation for one of the following professions.

Medicine and Dentistry

Those students who are interested in applying to schools of medicine or dentistry are advised to meet the requirements of the American Association of Medical Colleges or the American Dental Association. The basic requirements of these schools include one year each of English, general biology, general chemistry, organic chemistry, physics, and mathematics. Some schools have other specific requirements. Although any major is acceptable if these requirements are met, pre-medical students are usually advised to major in biology or chemistry in order to assure the firm foundation in the sciences which will be required in their future work. They will be assisted by the Health Professions Committee in planning their program in the light of their individual interests and of the schools to which they intend to apply.

Business

For students who plan to enter the world of business, there are two possible routes. The first is to major in Business Administration or Accounting. The Chairperson of the Business Administration and Accounting Department advises students planning a career in business. The second route is to major in one of the liberal arts or sciences for the Bachelor of Arts degree and to take an additional sequence in Business. (See certificate programs, pages 167-169).

Teaching

Elementary and Special Education (Plan B[1]). A liberal arts course of study including the core curriculum, the Child Study major, the area of concentration, and electives, for students who wish to prepare to teach from nursery school through the sixth grade level (N-6) and special education. To follow this program, which has been approved for teacher certification in both areas by the New York State Education Department, students should elect Child Study as a major before the completion of the freshman year. At the same time, they should choose an area of concentration of 21 credits (English, Fine Arts, History, Human Relations, Psychology, Science, Social Science, Speech Communication, or another area with departmental approval).

This plan, which is under the direction of the Chairperson of the Child Study Department, provides students with the opportunity for observation and practicum experiences and for student teaching at the elementary level and in special education.

Secondary Education (Plan B). A liberal arts course of study, including the core curriculum, the major, and electives for students who wish to prepare to teach on the secondary level (grades 7-12). They follow a program which has been approved for teacher certification by the New York State Education Department. The sequence of courses, including student teaching, necessitates that students select this plan early in their college careers. This plan is under the direction of the Chairperson of the Education Department.

Library Work

Any liberal arts major prepares for graduate work at an accredited library school. For specific requirements, consult the catalogue of the graduate school of your choice.

Law

Students interested in studying law may select any major which will assist them to develop their capacity for comprehension and expression in words, for critical understanding of the human institutions and values with which the law deals, and for creative power in thinking. A Pre-Law Committee advises interested students.

Social Work

Those desiring social work as a career often choose Human Relations, Sociology, or Psychology as a major. However, no specific major is required for admission to graduate programs as long as there is a concentration in the behavioral and social sciences. Within the Sociology Department, there are two courses which are recommended to interested students. One is an introduction to the field of social work, and the other is a supervised field experience in a social work setting. With a liberal arts background, graduates can qualify as case aides or case workers in many different settings such as probation, social services, and youth services. While employed as case aides, students often pursue graduate study in order to qualify as social workers.

Other Fields

The Chairpersons of Departments will discuss with students career opportunities related to their subject areas.

ACADEMIC ADVISEMENT & PROGRAMMING

Much of the success of our academic program stems from the interest of the faculty in the individual student. Opportunities are provided in the spring term for prospective freshmen to discuss their interests and possible majors with the Chairpersons of Departments before drawing up their programs. Conscious of the diversity and individualization in high school programs, the Chairpersons guide these students in choosing courses which will best articulate with their high school backgrounds. During the freshman year, all students are assigned to an academic advisor—one from their major field if that is known, or an exploratory advisor if they are uncertain about their plans. Freshmen meet their advisors at least three times during the year to discuss their academic and career goals and to consult regarding their choice of courses at registration.

The Registrar issues bulletins concerning the procedures and dates for declaring the choice of a Major and Plan. Once students have declared a major in their second semester, the Chairpersons of the Major Departments become their chief academic advisors. (For Change of Major or Plan, see Academic Policies.)

Although Chairpersons and faculty members are always willing to discuss educational goals and progress with individual students, all undergraduates are responsible for following the directives issued by the Registrar concerning the formal period of advisement and registration. At these times, students should consult the Chairpersons of Departments and Directors of Plans about their choice of courses for the following term.

COURSE LOAD. Full-time students may carry sixteen credits per term. Students beyond freshman year may take up to eighteen credits with the approval of the Major Department advisor. For more than six courses or eighteen credits in one semester, the permission of the Dean is required (See Tuition Policy, page 17).

PASS/FAIL OPTION. To encourage exploration and experimentation in curricular areas, the faculty has provided that juniors and seniors may take ONE COURSE PER SEMESTER or during Intersession or Summer Session on an Index-Free basis (i.e., the grade is not computed in the index). Students may not take more than a total of four courses Pass/Fail.

Courses required either by core curriculum or by the student's major department or area of concentration may not be elected on this basis. Students may have the first three weeks of the term in which to indicate that they wish to take this option, (or in the case of a Summer Session or Intersession course, before the fourth class). No changes, either to Pass/Fail or back to letter grade, may be made after that time. Grades assigned are P or U (Pass or Unsatisfactory). Students who achieve an A- (90% or higher) may receive PH (Pass with Honors).

INDEPENDENT STUDY. Certain courses, indicated in the department offerings as 2 or 3 credits, lend themselves to guided independent study. Because the requirements for the additional credit change the scope or depth of the course, students must register the option at the time of registration.

Several introductory courses provide opportunities for interested students to do independent work. Some advanced courses are structured to encourage students to work independently on individual research.

REPEATED COURSES. A student who receives an unsatisfactory grade in a course specifically required for the degree, for the major, or for a certificate program may request departmental approval to repeat the course. Although the grade of F is the only one for which credit is not given, departments may require a grade of C or better for satisfactory completion of certain departmental requirements. In such cases, the Chairperson may permit the student to repeat a course in order to demonstrate mastery of the subject. Both the original grade and the second grade will appear on the transcript. Credit will be given only once for the course, but both grades will be calculated in the index.

AUDITING COURSES. Matriculated students may audit courses with the consent of the instructor and the permission of the Dean. Non-matriculated students pay the regular tuition for this privilege. No credit is given for audited courses, and no records are kept.

ACADEMIC POLICIES

ATTENDANCE. Students are expected to attend regularly and punctually all classes in which they are registered. Because active participation is considered vital to the educational process, class work constitutes 60-75% of the final grade in the course. Students who must be absent for an extended period of time are urged, therefore, to contact the individual professors or the Dean concerning classwork, assignments, and announced quizzes.

At the same time, the faculty recognizes that on occasion students cannot be present. Because the faculty has confidence in the maturity of the student body and recognizes the personal growth which comes through responsible freedom, the faculty has vested all members of the student body with personal responsibility for their attendance.

The faculty wish to emphasize, however, that students are equally responsible with them for creating a climate of inquiry and sharing. True education results only from active involvement in the learning process.

CHANGE OF MAJOR OR PLAN. A student who wishes to change major or plan must obtain, on a form furnished by the Registrar, signatures of the Chairpersons of Departments involved, and of the Dean. Change of major or plan should be effected before the period of programming for the following term.

DOUBLE MAJOR. A double major is the fulfillment of the requirements in two majors concurrently. To earn a degree in double majors, the student must fulfill all of the requirements of the degree program(s) of which the majors are a part. Only one degree will be awarded, but a notation recognizing the completion of the second major will be posted on the student's permanent record. Applications for a double major may be obtained in the Registrar's Office.

CHANGE OF PROGRAM. Students will not be permitted to enter courses after the first week of the term. A fee of twenty dollars is charged for each change of program and a fee of twenty-five dollars for late registration. (When the change is initiated by the Committee on Academic Development, there is no fee.)

WITHDRAWAL FROM COURSES. A student who wishes to withdraw from a course in which he or she is registered, should obtain the official form from the Registrar, and follow the procedure outlined. Ordinarily, withdrawal may take place up to the midpoint of the term; thereafter, only for a most unusual reason and with the approval of the Dean. A fee of twenty dollars is charged. For students on the flat rate, no tuition refund will be made. (See Statement of Costs.) Students are advised to investigate the implications of withdrawing from courses on their eligibility for financial aid.

A student who does not withdraw officially from a course continues on the class register and must satisfy the requirements of the course.

COURSES AT OTHER COLLEGES. Matriculated students who have reason to take courses for credit at another college, should obtain from the Registrar's Office a form for Extra-Mural Study and follow the directions. The procedures include consultation with the appropriate Chairpersons of Departments and the approval of the Dean. The College reserves the right to limit the number of such courses. Upperclassmen may not take courses at Junior or Community Colleges.

When the courses have been completed, students are responsible for having an official transcript sent to the Registrar. Although the grades are not entered on the transcript nor included in the cumulative index, no credit will be allowed for a course with a grade below C-. (For Transfer Student Policy, see Admissions.)

ACADEMIC STANDING. St. Joseph's College accepts for matriculation only those students whom the College believes capable of completing the requirements for the degree. Since students may experience difficulty at some point, however, they should consult, early enough in the term for practical assistance, the class instructor and/or the Chairperson of the Department, the Director of Counseling, their Academic Advisors, or any other faculty members. Students are advised to investigate the implications of academic standing on their eligibility for financial aid.

Satisfactory Progress is ordinarily represented by an index of 2.0. Students with indexes below 2 are evaluated by the Academic Development Committee. Basing their judgment upon the students' tested potential, previous academic background, and calculated estimation of improvement, the Committee may permit students to continue in the college in good standing, under the guidance of academic advisors, for a stated time, thus giving them a chance to succeed. However, this does not automatically mean that such a student is eligible for financial aid. Such students should consult the Financial Aid section of this catalogue, the Registrar, and the Director of Financial Aid to determine their continued eligibility for financial aid.

Full-time students are expected to complete their BA/BS degree within eleven (11) semesters at the minimum progress level outlined below:

At the end of this semester	1	2	3	4	5	6	7	8	9	10	11
Full-time students must have successfully completed at least this # of credits	8	20	32	44	56	68	80	92	104	116	128

Part-time students (those enrolled for less than 12 credits per semester) must complete their BA/BS degree within twenty-two (22) semesters at the minimum level outlined below:

At the end of this semester	1	2	3	4	5	6	7	8	9	10	11
Part-time students must have successfully completed at least this # of credits	4	8	14	20	26	32	38	44	50	56	62
Cont. . . .											
At the end of this semester	12	13	14	15	16	17	18	19	20	21	22
Part-time students must have successfully completed at least this # of credits	68	74	80	86	92	98	104	110	116	122	128

The following will not be considered as credits successfully completed: "F" grades, "I" incompletes, "WD" withdrawals. Courses that are repeated will count in the calculation of completed hours earned if the student receives a passing grade. Both the original grade and the second grade will be counted in the cumulative index, but credit for the course will be given only once. Only one repetition of a course will be considered toward the number of credits successfully completed.

A transfer student, as any other student enrolling at the College for the first time, may initially be assumed to be maintaining satisfactory progress. Following this initial presumption of progress, the College will use the number of hours accepted as transfer credit from the previous institutions to place that student within its time frame. For example, a student who is accepted at the junior class level based on 60 transfer credits earned at other institutions would be placed at the fifth semester time frame.

At the end of each semester, the Registrar reviews the record of every student and refers to the Committee on Academic Development those who have failed to maintain an index of 2.0 and/or who have failed to complete successfully the minimum number of credits for their enrollment status (FT or PT). The faculty members, with the Dean, and the Registrar as consultants, endeavor to determine the causes of the academic difficulty and recommend adjustments in program for the following term. The faculty members of the Committee serve thereafter as special advisors to those students who have been referred to them.

Full-time students who, at the end of a semester, have not achieved an index of 2.0 or higher, and/or who have failed to complete successfully the minimum number of credits for their enrollment status, may not take more than 12 credits the following semester. Part-time students may not take more than 6 credits the following semester without special permission of the Academic Dean. Although the Committee on Academic Development reviews each case individually, students who continue to achieve below the required index of 2.0 and/or who have failed to complete successfully the minimum number of credits for their enrollment status will be advised to withdraw. Students who have been asked to withdraw may represent to the Dean, in person or in writing, any relevant circumstances.

REINSTATEMENT. A student who has been asked to withdraw because of unsatisfactory progress may apply to be readmitted to the College. The procedure requires a written request, assessment of previous academic record and of potential, evidence of increased motivation, possible retesting, and approval of the Chairperson of the Major Department and the Dean.

A student who has been reinstated is responsible for finding out the conditions, if any, which must be satisfied in order to obtain financial aid.

EXAMINATIONS. Final examinations are held at the end of each semester. Exceptions to this procedure require the approval of the Dean.

Real emergency such as illness is the only excuse for absence from an examination. A student who is absent from a final examination must call the Registrar on the day of the exam, giving the reason for the absence. Within one week, the student must write to the Dean, stating the reason for the absence and requesting a make-up exam. A fee of twenty-five dollars is required for each late examination. By faculty regulation, a special examination may be given no sooner than two months from the date of the originally scheduled examination. The dates for such examination are listed on the academic calendar; the hours are specified by the Registrar. Students must take the make-up exam at the time specified. A student who is absent from a make-up exam will receive a grade of zero for the exam.

INCOMPLETE. If a faculty member believes that a student, for a serious reason, should be allowed additional time in which to complete the requirements of a course, the faculty member may file a form with the Registrar to this effect. It is the responsibility of the student for whom such exception has been made, to see that the completed work is submitted to the Registrar NO LATER THAN three weeks after the closing date of the semester.

EXEMPTIONS. Students who have achieved a minimal class average of A- in a course may, at the discretion of the professor, be exempted from the final examination in that course.

GRADES AND REPORTS. Transcripts of courses and grades are issued at the end of each term. The final grade in each course is based on the class mark, weighted as 60-75% of the total, and the final exam mark, weighted as 25-40%. Grades are interpreted as follows:

Quality	*Grade*	*Percentage*	*Quality Points*
Excellent	A	93.0 - 100.00	4.0
	A-	90.0 - 92.9	3.7
Good	B+	87.0 - 89.9	3.3
	B	83.0 - 86.9	3.0
	B-	80.0 - 82.9	2.7
Satisfactory	C+	77.0 - 79.9	2.3
	C	73.0 - 76.9	2.0
	C-	70.0 - 72.9	1.7
Passing	D+	67.0 - 69.9	1.3
	D	63.0 - 66.9	1.0
	D-	60.0 - 62.9	0.7
Unsatisfactory	F	Below 60.0	0.0

WD student officially withdraws from a course; no grade penalty

Pass/Fail Basis

Pass	P	60 - 100	—
Pass with honors	PH	Pass (90 or above)	—
Unsatisfactory	U	Below 60	—

LEAVE OF ABSENCE. Students who find it necessary to interrupt their studies temporarily may apply for a leave of absence. The procedures are the same as for withdrawal from the College. (See below.) A student who is granted such a leave is considered a matriculated student, although not registered for courses, and may return at the termination of the leave without reapplying for admission.

WITHDRAWAL FROM THE COLLEGE. Students who plan to withdraw from the College should consult the Assistant to the Dean and then file an official withdrawal form. All financial obligations to the College must be fully paid before a student may withdraw or graduate in good standing. In addition, a student who has received a scholarship or loan must have an exit interview with the Financial Aid Officer. (See Financial Aid Program.) It is important for financial aid purposes that the last date of attendance be officially recorded. The Administration of the College may require the withdrawal of any student whose academic record or conduct is judged unsatisfactory. St. Joseph's College is under no obligation to re-admit students who have withdrawn from the College or who have been asked to withdraw.

STUDENT RETENTION AND GRADUATION. St. Joseph's College Suffolk Campus originated as an Upper Division college and took its first freshman class in September 1979. Of the 122 students who entered St. Joseph's College as freshmen in September 1983, 69% were still enrolled in September 1984, 36% in September 1985, and 44% in September 1986. (Ten students who had taken leaves of absence returned in September 1986.) Of the original group, 39% were graduated in June 1987 after eight semesters. Five additional students were graduated in June 1988, bringing the percentage of the original group graduated to 43%. Three students from this group are still matriculated for the baccalaureate degree.

St. Joseph's continues to serve a large upper division transfer population. Of the 113 students who matriculated in Fall 1985 as beginning Juniors with 60-80 credits accepted, 64% were still registered in Fall 1986. Of these, 36% received their degrees in June 1987 after four semesters. An additional 24 students were graduated in June 1988, bringing to 58% those of the original transfer cohort graduated. Eight students from this group are still matriculated for the baccalaureate degree.

These figures refer only to matriculated students enrolled in Arts and Sciences at the Suffolk Campus and do not reflect students who joined either the freshman cohort or the upper division transfer cohort at a later point. Retention and graduation figures for St. Joseph's Main Campus and for the Division of General Studies are published in their respective catalogues.

HONORS

DEAN'S HONOR LIST. At the beginning of each term, the Dean publishes the names of those students who in the previous academic semester attained an index of 3.65 or higher. Part-time students who attain an index of 3.65 after 15 credits of grades are eligible for the Dean's List and must apply to the Registrar. This list is posted on a special bulletin board in the main hall of the College, outside the Dean's Office.

DEPARTMENTAL HONORS AT GRADUATION. A cumulative index of 3.0 and an index of 3.70 in the major field is the minimum requirement. The faculty members of the department evaluate and vote on each academically eligible candidate as a person worthy of honors.

DEGREE WITH HONORS. The degree with honors is the highest accolade. In order to be eligible for a degree with honors, students must have completed 60 credits at St. Joseph's College, not more than 12 of which may be Pass/Fail. For the degree *Summa cum laude,* a cumulative index of 3.90 will be required; for *Magna cum laude,* 3.80; and for *cum laude*, 3.70. The required index must be met in two calculated indices: in the four-year cumulative index, including all credits and grades taken at other colleges; and in the last 60 credits taken at St. Joseph's College.

HONOR SOCIETIES

Membership in the honor societies is based on both academic and non-academic qualifications. While the requirement of superior academic achievement is common to all the societies, the non-academic criteria for admission vary, according to the nature and purpose of the particular society.

Students who are academically eligible for an honor society, i.e., who have the required index, are notified. Eligible students must then submit to the Committee on Honors an honors application, demonstrating their possession of the specific qualifications required by the honor society to which they are applying. This honors application includes an essay by the candidate, a documented list of activities, and evaluations by faculty and others. The Committee on Honors reviews all applications and votes on membership in the honor societies.

SIGMA IOTA CHI

Membership in the College honor society, Sigma Iota Chi—SJC— is based on academic performance as well as upon outstanding personal qualities. These qualities must be reflected, at least in part, in some involvement and/or service in extra-curricular activity at the College. Candidates must be individuals who represent the ideals of St. Joseph's College. Students with an annual index of 3.67 based on grades earned at St. Joseph's are eligible for election to membership in Sigma Iota Chi for one year. Part-time students may request consideration for membership after completing the equivalent of each year's work (30 credits). No student, full or part-time, may receive membership more than four times. A student who holds membership for three years receives the key of the society at Commencement.

KAPPA GAMMA PI

Kappa Gamma Pi is a national honor society for women and men graduates of colleges in the Catholic tradition. St. Joseph's was one of the original members of this organization. Candidates must have completed seven semesters with honors; i.e. they must be eligible for graduation *cum laude*. (See Degree With Honors, above.) In addition, they must be leaders in extra-curricular campus or volunteer off-campus activities, and must be willing to accept membership, knowing the responsibility for individual leadership in church, civic, and Kappa-sponsored activity which membership implies. No more than ten percent of the graduating class may be elected.

DELTA EPSILON SIGMA

Delta Epsilon Sigma is a national scholastic honor society for undergraduates, faculty, and alumni of colleges and universities with a Catholic tradition. St. Joseph's was one of the founding colleges and is headquarters for the Epsilon Chapter. To be eligible for membership, candidates must be persons who have a record for outstanding academic accomplishment, who have shown dedication to intellectual activity, and who have accepted their responsibility of service to others. Juniors and seniors may be considered for membership, provided that they have completed one full year (30 credits) at St. Joseph's and have a cumulative index which, if continued, would make them eligible for graduation *cum laude*. (See Degree With Honors, above.) The Committee on Academic Development recommends eligible students to the Epsilon Chapter, which then votes on membership. No more than fifteen percent of a class may be elected; usually only five percent may be elected in Junior year.

PHI ALPHA THETA

St. Joseph's has a chapter, Phi Mu, of the international history honor society, Phi Alpha Theta. Membership in Phi Mu is open to the whole student body. Student membership is based on a 3.1 index in at least 12 credits of History and an index of 3.0 in 2/3 of the remaining courses. (Six of the 12 credits must be taken at St. Joseph's College. Advanced Placement courses do not count toward the 12 credits.)

SPECIAL PROGRAMS

HIGH SCHOOL-COLLEGE ARTICULATION: BRIDGE PROGRAM

To provide a bridge between high school and college for qualified seniors, St. Joseph's College offers selected courses at Mercy High School. Courses are determined in consultation with the High School Principal and the College Department Chairpersons.

NON-MATRICULATED STUDENTS

Qualified high school seniors recommended by their grade advisors and/or principals may register for college courses for credit. (See also, Early Admission Plan.)

Adults who wish to take occasional college courses may register as non-matriculated students. Applications are available in the Admissions Office. A nonn-matriculated student may accumulate as many as 18 credits. The student may not take additional courses unless he/she applies and is accepted for matriculation. The person seeking to enroll in this category will be subject to the application requirements and procedures described in the Admissions section of this catalogue.

SUMMER SESSION AND INTERSESSION

A Summer Session and a January Intersession are held to accommodate students who for a variety of reasons wish to attend. Non-matriculated students are welcome.

Matriculated students who wish to attend other colleges should consult the preceding section on Courses at Other Colleges.

STUDENT'S RIGHT TO PRIVACY AND ACCESS TO RECORDS

Public Law 93-380, usually titled "Family Educational Rights and Privacy Act," or more often known simply as the Buckley Amendment, prohibits release of any material in a student's file without the written consent of the college student. This law also affords students the right to review the contents of their official academic folders, except for those documents excluded by Law 93-380, as amended.

Students who wish to inspect their folders are required to complete the REQUEST FOR DISCLOSURE OF STUDENT FILE INFORMATION. These forms are available in the Registrar's Office and in the Office of the Dean. Students who wish to challenge the contents of their folders as inaccurate, misleading, or inappropriate, should follow the informal and formal proceedings outlined in the current *Student Handbook.*

It is the responsibility of all students to inform the College of any change in their mailing address. Failure to do so relieves the College of any liability in the event that important correspondence is not received by the student.

DEPARTMENTAL OFFERINGS

- Accounting
- Biology
- Business Administration and Economics
- Child Study
- Classics
- Computer Science
- Education
- English
- Fine Arts
 - Art
 - Dance
 - Music
- History
- Human Relations
- Mathematics
- Modern Languages
 - French
 - Italian
 - Spanish
 - Drama in Translation
- Philosophy
- Physical Education
- Physical Sciences
 - Chemistry
 - Physics
- Psychology
- Recreation
- Religious Studies
- Social Sciences
 - Economics
 - Political Science
 - Sociology-Anthropology
- Speech Communication
- Interdisciplinary Courses

COURSE NUMBERS. Courses numbered 100 are open to all students without prerequisites. Ordinarily, courses numbered 200, 300, and 400 have prerequisites and may not be taken by freshmen. Consult the individual department course listing for exceptions to this general policy.

BIOLOGY

Carol J. Hayes, Ph.D., *Chairperson*

The biology courses are designed to contribute to the student's general understanding of the nature and interrelationships of living things. Courses for majors carry the additional aspects of providing a preparation for graduate and professional studies.

Core Courses: Biology 108, 112, 115, or 150.

Major requirements: Students who attain a minimum grade of C in Biology 150 and 151 may elect a major in the department. Continuation as a major depends on maintaining a minimum grade of C in each course required for the major.

Biology 151 is a prerequisite for advanced courses in Biology.

A Plan students are required to take 36 credits in Biology.

B Plan students must take 32 credits in Biology.

A maximum of 16 credits may be transferred into the major.

Required Courses: Biology 150, 151, 290, 330, 340, 380, 480.
Chemistry 150, 151, 250, 251
Mathematics 205, 206
Physics 150, 151

The senior research requirement may be satisfied during the summer by participation in recognized research programs. Criteria for acceptance are:

1. submission of a research paper
2. written evaluation from the research adviser at the institution attended
3. approval of the Chairman and Academic Dean.

BIO 108 INTRODUCTION TO ECOLOGY

An introductory analysis of the principles used in interpreting the relationships that exist between living things and their environment.This course provides laboratory and field experience analyzing biotic and abiotic components of several ecosystems.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits. Fall, Spring.

Lab fee—$30

BIO 112 BIOLOGICAL CONTROL SYSTEMS

A study of the nervous and endocrine systems and their relationship to normal and abnormal human behavior.

3 hours lecture a week, 1 semester, 3 credits. Spring

BIO 115 INTRODUCTION TO HUMAN INHERITANCE

An introduction to the study of heredity and its relationship to human welfare.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits. Fall, Spring Lab fee—$30

BIO 150 GENERAL BIOLOGY I

An intensive study of the chemical and cellular basis of life, energy transformations in the cell, and the biology of organisms.

Prerequisite: Departmental approval.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits. Fall Lab fee—$40

BIO 151 GENERAL BIOLOGY II

A continuation of Biology 150. Topics include cellular reproduction, patterns of inheritance, mechanism of gene action, development, the biology of populations, and the genesis and diversity of organisms.

Prerequisite: BIO 150

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits. Spring Lab fee—$40

BIO 170 MICROBIOLOGY FOR HEALTH RELATED PROFESSIONS

A study of the structure and physiology of microorganisms, the nature and components of the immune response, diseases of the immune system and pathogens and human disease.

Prerequisite: BIO 151

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits. Not offered 1988-89 Lab fee—$40

BIO 200 GENERAL ECOLOGY

An introduction to the multitude of biotic and abiotic mechanisms that interrelate in the Ecosystem. Topics to be considered include energy and nutrient movement; gaseous and sedimentary cycles; characteristics of population growth, age structure, size, distribution and regulation; structure and function of major terrestrial ecosystems, ecological succession; and an examination of the human population.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits. Fall Lab fee—$40

BIO 216 BIOMETRICS

The emphasis in this course is on the analysis and interpretation of laboratory and field data. Topics include: measures of central tendency, hypothesis testing, linear regression and correlation analysis, non-parametrics, experimental design and sampling methods.

3 hours lecture, 1 semester, 3 credits. Not offered 1988-89

BIO 220 VERTEBRATE HISTOLOGY AND MICROTECHNIQUE

Microscopic anatomy of the fundamental tissues and organs of the vertebrates. Practice in the basic techniques involved in preparing tissues for microscopic study.

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits.
Not offered 1988-89 Lab fee—$40

BIO 280 FIELD COURSE IN ECOLOGY

The application of basic ecological principles to a particular ecosystem. The course provides actual field experience in examination of the biotic and abiotic components of an ecosystem through residence at an established field station. This experience comprises the laboratory component of the course.

2 hours lecture a week, 7-10 days residence at the field station, 1 semester, 4 credits. Not offered 1988-89

BIO 290 MODERN GENETICS

A study of the laws of heredity and variation including a consideration of their application to modern genetics problems: molecular genetics, physiological and biochemical genetics, mutagenesis and evolution.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.
Spring Lab fee—$40

BIO 320 DEVELOPMENTAL BIOLOGY

A theoretical and experimental analysis of the fundamental problems of animal and plant development, gametogenesis and fertilization, patterns of morphogenesis, developmental organizers, environmental and molecular control of differentiation, inductive tissue interactions, regulatory role of hormones.

Prerequisite: BIO 290

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits.
Fall Lab fee—$40

BIO 330 PHYSIOLOGY

Basic concepts in cellular and general physiology. Particular emphasis is placed upon nervous, muscular, cardiovascular, respiratory and renal systems.

3 hours lecture, 4 hours laboratory a week, 1 semester, 5 credits. Fall Lab fee—$50

BIO 331 PATHOPHYSIOLOGY

A study of the disruption of homeostasis at the cellular, tissue and organ level in the human organism and its relationship to causative factors of disease.

Prerequisite: Anatomy and Physiology

3 hours lecture a week, 1 semester, 3 credits. Fall, Spring

BIO 340 MICROBIOLOGY

An introduction to the fundamental principles governing the biology of bacteria, viruses, rickettsiae, yeasts, and molds. Special consideration given to a study of immunity, pathogenic varieties, antibiotics, and chemotherapy.

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits. Spring Lab fee—$40

BIO 380 RESEARCH SEMINAR

An awareness of the problems and methods of research is fostered through a program of guided reading of scientific literature in preparation for research into a specific biological problem in the senior year. Progress reports are given and analyzed by the students.

Required of all majors in their junior year.

1 hour a week, 1 semester, 1 credit. Spring

BIO 400 INTERNSHIP

Practical experience in a laboratory or other setting approved by the Department. Enables students to acquire skills appropriate to their career plans.

Prerequisite: Junior or Senior Biology major, 3.0 cum in major courses, acceptance at the cooperative institution, and Departmental approval

A minimum of 130 hours is required, 3 credits.

BIO 420 BIORHYTHMS

A study of rhythmic phenomena in organisms with reference to clock hypotheses and the influence of environmental parameters such as light-dark cycles, temperature, and pervasive geophysical factors.

3 hours lecture a week, 1 semester, 3 credits. Offered on demand

BIO 460 CELL BIOLOGY

A correlation of the structural aspects of the cellular organelles with their biochemical function in both procaryotes and eucaryotes, including considerations of nucleocytoplasmic relationships, cell-environment interactions, action potentials, and examples of extreme specialization among cells.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.
Spring 1990, 1992 Lab fee—$40

BIO 461 MOLECULAR BIOLOGY

A study of macromolecules, basic molecular processes and genetic phenomena in prokaryotes, eukaryotes, phage and viruses, with emphasis on both molecules and their biology. Topics include classical molecular biology (DNA, RNA and protein biosynthesis),recombinant DNA and genetic engineering, interactions of macromolecules and regulation of biologic systems.

Prerequisite: BIO 290

3 hours lecture a week, 1 semester, 3 credits. Spring 1989, 1991

BIO 480 RESEARCH

Independent research required of majors in the senior year.

Prerequisite: BIO 380

3 credits for the year Lab fee—$50

BUSINESS ADMINISTRATION, ECONOMICS AND ACCOUNTING

Sal G. Rumore, J.D., C.P. A., *Departmental Representative*

The fundamental objective of the undergraduate curriculum in Business Administration is to prepare students for managerial roles in business, government, and non-profit organizations. The required courses in the Business Program are designed to cover the various facets of the practice of business operations: Management, Marketing, Accounting, Economics and Finance, and Law. The elective courses in Business give students an opportunity to choose one area or a combination of areas for more intensive analysis. The courses in related disciplines are included to ensure the development of understanding and skills that will give depth and meaning to their business applications. The Department also offers a major in Accounting for those students interested in careers in public accounting, (Certified Public Accountant), industrial or private accounting, governmental and institutional accounting.

The professional manager today is not only required to have special knowledge in business, but also to have an understanding of the humanities, behavioral sciences, social sciences, and natural sciences. To accomplish such understanding, all Business and Accounting major students are required to take 60 liberal arts credits which are designed to enhance their ability to reason logically, to understand human values, and to make decisions ethically.

Major for a B.S. in Business Administration: All students seeking a Bachelor of Science in Business Administration must complete the following curriculum:

Students must fulfill the requirements of the Core Curriculum as listed on pages 31-33. The following liberal arts courses, required by the Business Administration Department, may be offered for the Core Curriculum:

English 103
Philosophy 160
Philosophy 268
Economics 120
Mathematics 111 (if needed)
Mathematics 200
Mathematics 201
Computer 150

REQUIRED BUSINESS COURSES

Accounting

ACC 110	Principles of Accounting	3
ACC 211	Financial Accounting	3
ACC 241	Cost Accounting	3

Business Law

BUS 150	Business Law I	3
BUS 151	Business Law II	3

Computers in Business

BUS 288 [COM 288]	Business Systems & Design	3

Economics and Finance

BUS 122	Statistics	3
BUS 125	Principles of Finance	3

Management		***Credits***
BUS 100	Process of Management	3
BUS 130	Organizational Behavior	3
BUS 230	Human Resources Management	3
BUS 472	Business Policy Seminar	3

Marketing

BUS 200	Marketing	3

Elective Business Courses	(12 Credits)
(From Accounting, Management, Marketing, Economics and Finance, Business Law, and Computer in Business)	

Departmental Grading Policy. Business Administration majors:

a. are required to maintain a 2.3 cumulative index in Business courses (including MAT 200 or 201)
b. are required to repeat MAT 200 and 201 if they do not attain a grade of C or higher
c. are allowed a grade of C- or lower in **one** Business course, but must repeat all other Business courses in which they attain a grade of C- or lower.

Major in Accounting: The major in Accounting is designed to prepare individuals for careers in public accounting or private accounting. The curriculum satisfies the requirements for admission to the Uniform Certified Accountancy examination. The curriculum has been approved by New York State.

All students seeking a Bachelor of Science in Business Administration with a major in Accounting must complete the following curriculum:

Students must fulfill the requirements of the Core Curriculum as listed on pages 31-33. The following liberal arts courses, required by the Department, will satisfy the Core Curriculum:

English 103
Philosophy 160
Philosophy 268
Economics 120
Economics 226
Mathematics 111 (if needed)
Mathematics 200
Mathematics 201
Computer 150

REQUIRED BUSINESS COURSES

Accounting		***Credits***
ACC 110	Principles of Accounting	3
ACC 211	Financial Accounting	3
ACC 212	Intermediate Accounting I	3
ACC 213	Intermediate Accounting II	3
ACC 215	Principles of Federal Taxation	3
ACC 216	Advanced Federal & State Taxation	3
ACC 217	Principles of Auditing	3
ACC 240	Advanced Accounting	3
ACC 241	Cost Accounting	3
ACC 318	Accounting Theory	3
Business Law		
BUS 150	Business Law I	3
BUS 151	Business Law II	3
Finances		
BUS 125	Principles of Finance	3
BUS 224	Advanced Managerial Finance	3
Statistics		
BUS 122	Statistics	3
Other Required Business Courses		
BUS 100	Process of Management	3
BUS 200	Marketing	3
BUS 286	Business Programming I	3

Departmental Grading Policy. Accounting majors:

a. are required to maintain a cumulative index of 2.3 or higher in accounting courses and a cumulative index of 2.3 or higher in business courses (including MAT 200 or 201)
b. are required to repeat **any** accounting course in which they attain a grade of C- or lower.
c. are required to repeat MAT 200 and 201 if they do not attain a grade of C or higher
d. are allowed a grade of C- or lower in **one** business course (not an accounting course), but must repeat all other business courses in which they attain a grade of C- or lower.

Students desiring a concentration in Economics within a Social Science Major should consult the requirements in the Social Science Department.

Certificate in Data and Information Processing

For a description of the program leading to this certificate, see page 166.

Certificate in Leadership and Human Resources Development

For a description of the program leading to this certificate, see page 168.

Certificate in Management

For description of the program leading to this certificate, see page 168.

ACCOUNTING

ACC 110 PRINCIPLES OF ACCOUNTING

A study of accounting principles to enable the student to understand the preparation of financial statements. The course covers a study of the accounting cycle, the recording process, accounting systems and controls and partnership accounting. The course will require the preparation of a practice set in addition to the assigned problems.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ACC 211 FINANCIAL ACCOUNTING

A study of accounting principles as they apply to corporations, branch operations and not-for-profit entities. The course also covers fund statements and cash flow, budgeting and analysis of financial statements.

Prerequisite: Accounting 110

3 hours a week, 1 semester, 3 credits. Fall and Spring

ACC 212 INTERMEDIATE ACCOUNTING I

The underlying concepts and principles of financial accounting; interpretation and application of the pronouncement of accounting bodies such as FASB, AICPA, SEC and CASB.

Prerequisite: Accounting 211

3 hours a week, 1 semester, 3 credits. Fall and Spring

ACC 213 INTERMEDIATE ACCOUNTING II

A continuation of Intermediate Accounting I emphasizing a critical study of current accounting theory and analysis of financial statements, long term liabilities, paid-in capital, retained earnings and reserves.

Prerequisite: Accounting 212

3 hours a week, 1 semester, 3 credits. Fall and Spring

ACC 215 PRINCIPLES OF FEDERAL TAXATION

A study of Federal Revenue system, tax statutes, and the preparation of individual tax returns. The Internal Revenue Code and regulations along with court decisions are studied with particular attention as to how tax planning for individuals is affected. The case problem method is used, with the objective that the student be trained to cope with the tax problems encountered by an individual.

Prerequisite: Accounting 110, Accounting 211

3 hours a week, 1 semester, 3 credits. Fall

ACC 216 ADVANCED FEDERAL AND STATE INCOME TAXES

A study of federal tax statutes and the preparation of partnership, corporation, estate, gift and trust returns. A study of securities transactions, pension and profit sharing plans, stock options and foreign income taxation. The case problem method is used with the object that the student be trained to cope with the tax problems of business.

Prerequisite: Accounting 215

3 hours a week, 1 semester, 3 credits. Spring

ACC 217 PRINCIPLES OF AUDITING

An introduction to generally accepted auditing standards adopted by AICPA and releases by the Securities and Exchange Commission in conjunction with an expression of an opinion by independent public accountants. Attention to the ethics of the profession of public accounting and the study of internal control.

Prerequisite: Accounting 213

3 hours a week, 1 semester, 3 credits. Fall and Spring

ACC 240 ADVANCED ACCOUNTING

A study of advanced accounting problems in areas such as consolidations, corporate merger and acquisitions, international accounting and foreign operations, liquidation of partnerships and fiduciary accounting.

Prerequisite: Accounting 213

3 hours a week, 1 semester 3 credits. Fall and Spring

ACC 241 COST ACCOUNTING

To familiarize the student with production and process cost accounting systems. Includes studies in job cost, process cost, and standard cost systems. Cost behavior and cost-volume-profit analysis is studied along with budgeting and cost finding tools and techniques. The course will require the preparation of a practice set in addition to the assigned problems.

Prerequisite: Accounting 110, Accounting 211

3 hours a week, 1 semester, 3 credits. Fall and Spring

ACC 245 ACCOUNTING FOR GOVERNMENT AND NON-PROFIT ORGANIZATIONS

The study of the financial reports of government and non-profit institutions. Particular attention to the accounting standards and practices underlying the preparation and presentation of financial statements for non-profit organizations.

Prerequisite: Business 213

3 hours a week, 1 semester, 3 credits. Fall

ACC 318 ACCOUNTING THEORY AND CURRENT ACCOUNTING DEVELOPMENTS

An analysis of current accounting theory and literature. Particular attention to recent accounting publications as applied to various industries.

Prerequisite: Accounting 213

3 hours a week, 1 semester, 3 credits. Fall and Spring

ACC 319 ACCOUNTING PROBLEMS

Capstone course in accounting which includes a study of recent CPA examination problems. Emphasis on problems in consolidations, partnerships, corporate mergers and fiduciary and not-for-profit accounting, job and process cost problems, and managerial controls and budgeting.

Prerequisite: Accounting 318

3 hours a week, 1 semester, 3 credits. Fall and Spring

ACC 320 E.D.P. AUDITING

A study of the application of computers in auditing. Analysis of the E.D.P. function and computer controls that should exist in an organization.

Prerequisite: Com 286, Business 217

3 hours a week, 1 semester, 3 credits. Spring 1989

ACC 321 S.E.C. FINANCIAL ACCOUNTING AND REPORTING

This course will provide an understanding of S.E.C. requirements regarding accounting, auditing and financial disclosure. The content of financial statements and reports which are required to be filed with the S.E.C. will be studied.

Prerequisite: Business 318

3 hours a week, 1 semester, 3 credits. Fall 1989

COMPUTER IN BUSINESS

BUS 286 BUSINESS PROGRAMMING I
(COM 286)

This course will deal with business application of the computer such as financial reporting, inventory analysis, modeling and forecasting. COBOL as a language will be used with emphasis on file construction and data retrieval.

Prerequisite: Any introductory computer course

3 hours a week, 1 semester, 3 credits. Fall

BUS 287 BUSINESS PROGRAMMING II
(COM 287)

This is intended as a follow up to BUS 286 (Business Programming I). Various techniques in structured COBOL programming will be considered.

Prerequisite: BUS 286 (COM 286)

3 hours a week, 1 semester, 3 credits. Spring

BUS 288 BUSINESS SYSTEMS AND DESIGN
(COM 288)

The design and development of information systems for a business environment. Topics will include analysis of information flow, design of business systems, specifications, equipment selection, and file organization. Detailed steps for each phase of the design will be related to business applications on a full scale computer system.

Prerequisite: Any introductory computer course.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ECONOMICS AND FINANCE

BUS 120 MACROECONOMICS
(ECO 120)

A description of economic life and problems; the market, pricing of goods and services, business cycle; corporate organization; the banking system; foreign trade; agriculture, labor organization; government expenditures and receipts.

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 122 STATISTICS
(ECO 122)

Collection and tabulation of statistical data. Sampling. Probability. Binomial distribution and the use of the normal curve.

Prerequisite: MAT 111 or MAT 113

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 125 PRINCIPLES OF FINANCE

A survey of the role of finance in business management. Major areas of study include an examination of financial markets, financial organization of business entities, analysis of budgets, credit, equity, and debit financing, cash flow requirements, break-even analysis, the use of corporate securities in capitalization and asset management.

Prerequisite: Business 100, Business 110, Business 122, MAT 200

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 127 COMPARATIVE ECONOMIC SYSTEMS
(ECO 127)

A study of various methods used to solve economic problems. Survey covers various economic systems from the enterprise system as implemented in the United States to the communist variants in the Soviet Union and Communist China

3 hours a week, 1 semester, 3 credits. Spring

BUS 221 LABOR ECONOMICS
(ECO 221)

Analysis of the role of labor in the American economy and of factors which contributed to the changing pattern of industrial relations. Great emphasis on present-day collective bargaining. Discussions include references to current labor issues.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Fall

BUS 223 MONEY AND BANKING
(ECO 223)

The role of money and credit in our economic system. Commercial banks and Federal Reserve System. International money relations.

Prequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Spring

BUS 224 ADVANCED MANAGERIAL FINANCE

This course examines in detail the cost of capital, leverage, dividend policy, management of working capital, long term financing and expansion or failure of corporations.

Prerequisite: Business 125

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 226 MICROECONOMICS
(ECO 225)

Marginal analysis of demand and supply, of the individual firm, of perfect and imperfect competition.

Prerequisite: Economics 120

3 hours a week, 1 semester 3 credits. Fall and Spring

BUS 228 HISTORY OF ECONOMIC THOUGHT
(ECO 228)

An analysis of major changes in economic thinking; mercantilism, physiocracy, classical school with its Marxist opposition, historical and marginalistic schools, Marshall, institutionalists, Keynes and present-day trends.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Spring 1988

INTERNSHIP

BUS 362 INTERNSHIP IN BUSINESS ADMINISTRATION

A course designed to give an upper division Business Major the opportunity to experience a formal business environment as an application of the principles studied in the various business disciplines. A member of the Business Faculty will plan the program with the student, supervise its implementation and relate to the representative of the business firm acting as liaison. No remuneration will be accepted by the student.

Prerequisites: Senior or Junior Business Major with cum of 2.7 or higher and with permission of the Department

1 seminar hour per week/100 hours in the professional setting.

1 semester, 3 credits. Fall and Spring

LAW

BUS 150 BUSINESS LAW I

Introduction to legal environment of business. General survey of the legal system court and procedures. Study of the law of contracts, agency, partnership and corporations. The course uses the case and text method.

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 151 BUSINESS LAW II

A continuation of Business Law I. Personal property, bailments, sales, commercial paper, creditors' rights, real property, secured transactions and regulations of business.

Prerequisite: Business 150

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 262 GOVERNMENT REGULATION OF BUSINESS

A study of government regulation of business under federal and state laws. Particular attention is paid to anti-trust laws, restraint of trade, monopolies, mergers, wages and price controls. Regulations which apply to industries such as utilities, energy, communications, transportation are analyzed. In addition, government intervention in business under FDA, NATSA and OSHA regulations is discussed and how they affect business decisions. The course uses the text and case method.

Prerequisite: Business 150 and Business 151

3 hours a week, 1 semester, 3 credits. Fall and Spring

MANAGEMENT

BUS 100 PROCESS OF MANAGEMENT

An introduction to the business decision-making process through the study of the theory and practice of management. The manager's tasks: planning, organizing, directing and controlling are reviewed through reading and case studies. The student is introduced to the concept of strategic planning and in line with today's emphasis on productivity, particular attention is paid to Human Resources and Motivation.

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 130 ORGANIZATIONAL BEHAVIOR

An introduction to the study of management theory concerning human behavior in formal organizations. The student is given the opportunity to test theories through the analysis and discussion of a series of case studies.

Prerequisite: Business 100

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 230 HUMAN RESOURCES MANAGEMENT

A review of the theory of the effective management of human resources. The students examine employer-employee relations in such areas as equal employment opportunity practices, training and evaluation methods, compensation and reward or motivational programs, legal and regulatory requirements and the role of collective bargaining. The course utilizes the case method supplemented with an assigned text.

Prerequisite: Business 100

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 232 COLLECTIVE BARGAINING

A study of collective bargaining and its impact on the firm's management and business strategy. Active student participation is expected in the discussion of the collective bargaining process and the issues arising from the creation and administration of the collective bargaining agreement. The rights of management in directing the workforce versus the rights of employees as expressed in the contract are explored. Selected cases involving such issues as technological change, job assignments, wage structure, the grievance procedure, production standards and the role of the arbitrator will be utilized.

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 275 INTERNATIONAL BUSINESS

A study of the opportunities and conditions including particular problems that are part of doing business in foreign countries. Particular attention is given to environmental factors, concepts and practices of world business institutions, multinational corporations, international financing implications of foreign exchange, risks and advantages in dealing with foreign currencies, marketing strategies in dealing with particular cultures and economic and social issues that affect business decision-making in foreign countries.

Prerequisite: Business 100

3 hours a week, 1 semester, 3 credits. Fall

BUS 376 PRODUCTION MANAGEMENT

A study of the nature of manufacturing and production activity, coordination of sales and manufacturing programs. Analysis of the most economical means of processing and the importance of automation.

Prerequisite: Business 100, Business 200

3 hours a week, 1 semester, 3 credits. Spring

BUS 472 BUSINESS POLICY SEMINAR

An examination and integration of all the business aspects of an enterprise. The student is given the opportunity to review the principal functions of management such as production management, financing, human resources, marketing in specifically assigned case studies. Independent study is emphasized through a review of business cases and the use of an assigned text.

For senior Business Major students only.

3 hours a week, 1 semester, 3 credits. Fall and Spring.



MARKETING

BUS 200 MARKETING

An examination of the central role of the marketing function in business and the non-profit sectors is undertaken through analysis of cases and a required text.

3 hours a week, 1 semester, 3 credits. Fall and Spring.

BUS 202 RETAIL MANAGEMENT

Analysis and study of marketing goods and services at retail, investigation of types of retail facilities, impact of chain and discount stores, retailing in shopping centers, speciality stores, non-store retailing, effect of communication arts on retailing.

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 204 MARKETING PROMOTION AND ADVERTISING

An intensive review and study of the promotion and sale of products or services. Both conceptual and applied approaches to such areas as advertising and public relations are used. The student will be required to develop a report on a promotion plan for a product or service.

Prerequisite: Business 200

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 206 MARKETING RESEARCH

A study of the various research methodologies used in solving marketing research problems. Includes Research Design and Data Collection Methods (surveys, questionnaire design, sampling) to enable the student to make the best possible decision in exploring solutions to marketing problems and opportunities. A complete Marketing Research report is required.

Prerequisities: Business 122, Business 200

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 208 PUBLIC RELATIONS

The study of Public Relations and its role as a communications and marketing tool. Corporate image, external and internal communications, firms' relationships with various publics explored. Case study analysis and practice in writing press releases and other corporate communications expected.

3 hours a week, 1 semester, 3 credits. Fall and Spring

BUS 210 CONSUMER MOTIVATION AND BEHAVIOR

The examination of consumer motivation and behavior employing the disciplines of Anthropology, Psychology and Sociology. Freud, Skinner, McCluhan and Maslow's theories are utilized. The purpose of the course is to enable the student to understand what motivates the consumer to buy.

Prerequisite: BUS 200

3 hours a week, 1 semester, 3 credits. Fall and Spring

CHILD STUDY

Ann Powers, M.S., M.A.L.S., *Chairperson*

The courses in Child Study are designed to emphasize a child development approach toward children, toward teaching and learning, and toward curriculum. The Department makes a special commitment to the importance of the early childhood years, preparing students to work with children in preschool, in primary and intermediate grades, and with children with exceptionalities. The content of all Child Study courses considers the child from birth to adolescence, the disabled and the nondisabled child, and teaching in regular classes and special classes. Courses include field work.

The Child Study Department sponsors competency-based teacher education programs registered with the New York State Education Department for provisional certification for teachers of nursery, kindergarten, and grades one through six, and for dual certification in nursery through sixth grade and special education. Child Study Majors who elect Plan B[1] follow a program leading to such certification(s). The Regents of the State of New York requires teacher candidates to pass the National Teacher Examination-Core Battery Tests to receive a certificate to teach in New York State. Child Study Majors take the Communication Skills component of the NTE's in their fourth semester; the Professional and General Knowledge components in their sixth semester. There is a fee of $25 payable to the New York State Education Department for each certification area.

To obtain teacher certification through the Child Study Program, students on Plan B[1] must maintain a major average of B- or higher and must give evidence of the personal and the professional qualities necessary for teaching. (See *Handbook for Child Study Majors.)* Plan A, an alternative to Plan B[1], does not lead to certification. Students on Plan A are required to maintain a major average of C or higher. Transfer students majoring in Child Study are required to take a minimum of 15 credits in Child Study at St. Joseph's College.

Core Courses: Courses that may be elected by non-majors toward the core curriculum in the Division of the Social and Behavioral Sciences are the following: CS 101, 102, 121

Child Study Major (30 credits in Child Study)

Required for N-6 Certification

Freshman/Sophomore:	CS 101, 102, SPC 102, 124
Sophomore:	CS 211
Junior:	CS 301, 302, 303
Senior:	CS 401, 410

Required for Dual Certification in the Areas of Mental Retardation, Emotional and Behavioral Disorders, Learning Disabilities, and Multiple Disabilities

All the courses required for N-6 Certification (except CS 401) and the following:

Freshman/Sophomore:	CS 121
Junior:	CS 321, 324, 325
Senior:	CS 402, CS 422

In addition, students are required to take three (3) of the following courses: CS 323, CS 230 (CH 230), PSY 325, SPC 219, SPC 221, SPC 320

Prerequisites: C.S. 100 and 200 level courses are prerequisites for C.S. 300 courses; C.S. 300 courses are prerequisites for C.S. 400 courses

Area of Concentration: Majors must take a concentration of 21 credits in one of the following areas: English, Fine Arts, History, Mathematics and Computer Science, Human Relations, Social Science, Psychology, Science, Speech Communication, or another area with departmental approval.

Student Teaching: To be eligible for student teaching in senior year, Child Study Majors must receive approval from the Child Study Recommendations Committee and must maintain a cumulative major average of B— or higher. Application forms for student teaching for CS 410 and CS 422 must be submitted to the Coordinators of Field Placement within two weeks after registration days for seniors. A fee of $25 will be charged for applications received after these dates. No applications will be accepted after December 5th for student teaching in the Spring Semester, and after May 1st for the Fall Semester. Majors should plan their programs so that a maximum of 12 to 15 credits will be taken in student teaching semesters to enable them to commit themselves to teaching responsibilities.

CS 101 CHILD PSYCHOLOGY AND DEVELOPMENT I

An introduction to the study of the child: historical survey; principles and theories of development; patterns of cognitive, social, emotional, and physical growth during the first two years; parent/child relationships, particularly attachment. Directed observations of young children.

3 lecture hours, 1 semester, 3 credits, Fall and Spring

CS 102 CHILD PSYCHOLOGY AND DEVELOPMENT II

Understanding patterns of physical, cognitive, social, emotional, and moral growth; the learning process; theories, research applicable to developmental sequences; play; parent/child relationships; prosocial behavior; problem behavior; the impact of deprivation; contemporary issues of concern. Age two through adolescence with emphasis on the preschool period and middle childhood. Directed observations of children.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 121 PSYCHOLOGY OF THE EXCEPTIONAL CHILD

Basic psychological and social consideration of the major areas of exceptionality. Study of intellectual exceptionalities, behavioral and emotional disorders, sensory deprivations, orthopedic impairments, health disorders, learning disabilities, and multiple disabilities. Contact with the disabled community through field trips, guest speakers, and films.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 211 FOUNDATIONS OF CHILDHOOD EDUCATION

A study of childhood education: curriculum programs; teaching methodology; community, parent and school relations, drug and alcohol education; functions of the school from the philosophical, social and historical perspectives. Guided participation in the elementary school.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 230 EMOTIONAL DISTURBANCE IN CHILDREN AND YOUTH (CH 230)

An overview of emotional and psychiatric disorders in childhood and adolescence ranging from infant autism to adolescent suicide; from debilitating psychiatric problems to transient situational disorders as related to the family, school and community. Various modes of treatment are discussed.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 231 RELIGIOUS DEVELOPMENT OF CHILDREN

Study of children's growth as related to their potential for religious development. Survey of materials and programs for religious instruction.

2 hours a week, 1 semester, 2 credits. Spring 1989, 1991.

(An additional credit possible for independent study.)

(Course may not be included as part of the required 30 credits in the major.)

CS 301 READING AND LANGUAGE ARTS: PRIMARY GRADES

A study of the reading process, methods, and materials for group and individual instruction in the primary grades. Topics include: readiness; word recognition and comprehension development; listening, writing and speaking skills; lesson planning.

Prerequisite: CS 302

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall and Spring

CS 302 READING AND LANGUAGE ARTS: INTERMEDIATE GRADES

A study of the reading and language arts skills, methods, and materials for group and individual instruction in the intermediate grades. Topics include: assessment, vocabulary and comprehension development, thinking and communication skills, content area reading, study skills.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall and Spring

CS 303 MATHEMATICS IN THE ELEMENTARY SCHOOL

A course designed to present the concepts, methods, and materials of developmental mathematics currently taught in the elementary school and the social and psychological principles underlying the modern approach.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall and Spring

CS 304 SCIENCE IN THE ELEMENTARY SCHOOL

A hands-on approach will be used to provide experiences in problem solving and opportunities for deepening and clarifying students' understanding basic scientific concepts. Study of New York State's recommended problem-solving approach to teaching science in the elementary school.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall

CS 305 SOCIAL STUDIES IN THE ELEMENTARY SCHOOL

An examination of current trends, techniques, and developments in the social studies program for the elementary school.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Spring

CS 306 CREATIVE ART ACTIVITIES IN THE ELEMENTARY SCHOOL

An introduction to artistic development and expression in childhood. Consideration of curriculum planning, methods and materials, guidance techniques, and special education classes.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall and Spring

CS 307 MUSIC IN THE ELEMENTARY SCHOOL

An investigation and appreciation of the music interests and abilities of children. A studio course designed to develop the musical skills which a teacher needs to feel comfortable using music across the curriculum in the elementary and special education classroom.

2 lecture hours, 1 hour independent study, 1 semester, 3 credits. Fall 1988, 1990

CS 308 EDUCATION FOR PRESCHOOL AND KINDERGARTEN YEARS

A study of programs and types of centers for young children including nursery schools, kindergartens, and day care centers. Topics include: play; curriculum and materials; emotional, social and physical needs of young children; cognitive development; theories of early education; home-school-community relations.

2 hours a week, 1 semester, 2 credits. Spring

(An additional credit possible for independent study).

CS 321 ANALYSIS AND MEASUREMENT IN SPECIAL EDUCATION

Study of standardized tests currently used in special education; emphasis on basic concepts and issues in testing; interpreting student records, choosing appropriate formal and informal diagnostic instruments, and preparing instructional prescriptions. Practice in administering and scoring various standardized tests.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 323 CHILDREN WITH LEARNING DISABILITIES

Survey of specific learning disabilities found in children and consideration of related problems, assessment procedures, remediation and teaching techniques in regular and special classes.

2 lecture hours, 1 hour independent study, 1 semester, 3 credits. Fall and Spring

CS 324 SPECIAL EDUCATION: CURRICULUM, METHODS, MATERIALS I

Study of curriculum, methods, and materials used with exceptional children who are gifted, mentally retarded, visually and hearing impaired. Topics will include those areas of the teaching-learning process necessary to meet the needs of the exceptional child in the special education environment

2 lecture hours and 2/3 hours of fieldwork each week in classes for exceptional children, 1 semester, 3 credits, Fall and Spring

CS 325 SPECIAL EDUCATION CURRICULUM. METHODS, MATERIALS II

Study of curriculum, methods, and materials used with exceptional children who are learning disabled, behaviorally and emotionally disordered, autistic, orthopedically and health impaired, and multiply disabled. Topics will include those areas of the teaching-learning process necessary to meet the needs of the exceptional child in the special education environment.

Prequisite: CS 324

2 lecture hours and 2/3 hours of field work each week in classes for exceptional children, 1 semester, 3 credits, Fall and Spring

CS 328 TEACHING THE GIFTED CHILD

A course designed to help the teacher identify gifted children and meet their needs. Topics include an examination of programs, methods and materials for teaching the gifted.

2 lecture hours, 1 semester, 2 credits. (An additional credit possible for independent study.) Spring

CS 401 RESEARCH IN CHILDHOOD EDUCATION

Research seminar in child development and childhood education. Independent research project required.

2 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 402 RESEARCH IN SPECIAL EDUCATION

Research seminar in special education. Independent research project required in the field of special education.

(Required for Special Education certification.)

2 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 410 STUDENT TEACHING IN THE ELEMENTARY SCHOOL (N-6)

Observation and supervised practice teaching in the preschool and elementary grades through grade 6 arranged to meet the requirements of the N-6 certificate in New York State. Required weekly seminar.

(Recommendation for certification: Grade of C or higher required.)

Prerequisite: Approval of Recommendations Committee.

One semester in the schools: 5 mornings and 1 afternoon a week, 6 credits. Fall and Spring

CS 422 SPECIAL EDUCATION PRACTICUM

Observation and supervised practice teaching in special education classes.

Special hours for required weekly seminars and individual conferences.

(Grade of C or higher required.)

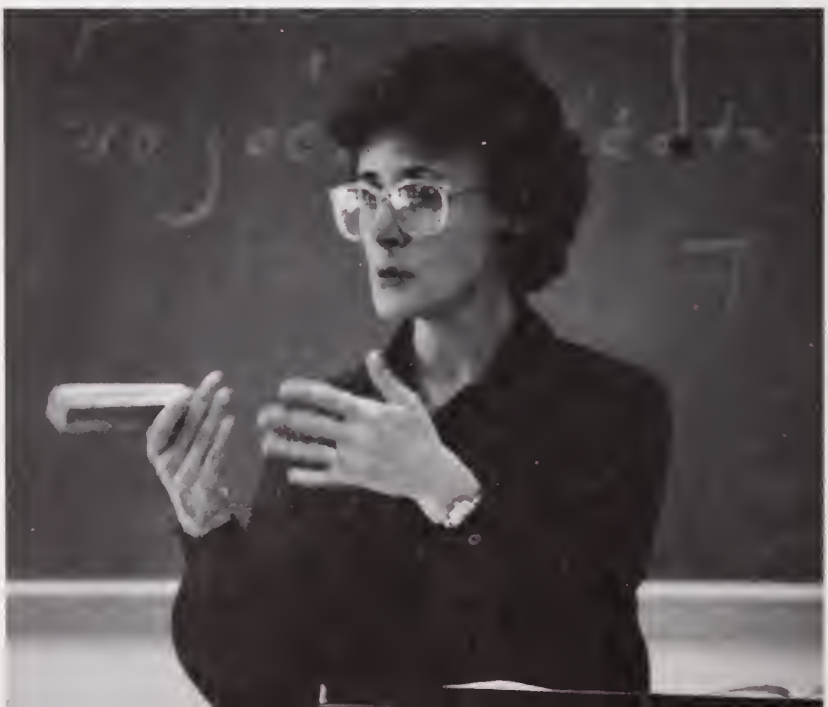
Prerequisite: Approval of Recommendations Committee

One semester in the school: 4 mornings a week, 150 hours, 4 credits. Fall and Spring

TE 100 TEACHING ENGLISH TO SPEAKERS OF OTHER
(EDU 256) LANGUAGES

A study of the theory, methods and materials used in the teaching of English to speakers of other languages. Topics include the cultural, psychological and linguistic considerations in teaching/learning a second language and the place of ESL in bilingual education.

2 hours a week, 1 semester, 2 credits. Fall 1989



CLASSICS

The courses in classics aim to impart a knowledge and appreciation of the ancient Greek and Latin cultures that have contributed so largely to the foundations of western civilization and have influenced so many fields of thought to the present day.

Core Courses: CLA 112, 122,154

CLA 112 CLASSICAL LITERATURE
ENG 112

A study of the human experience as reflected in the work of the great classical writers, such as Homer, Hesiod, Sophocles, Cicero and Virgil. The influence of the classics on western literature will be examined. This course may be credited to Classics or English.

3 hours a week, 1 semester, 3 credits. Fall 1988

CLA 122 THE GLORY THAT WAS GREECE: THE GRANDEUR
HIS 122 THAT WAS ROME

An in depth study of the Greco-Roman culture and civilization. Special attention will be given to the political, social. economic and cultural life of both peoples against the world setting in which they both rose, flourished, and declined. This course may be offered for Classics or History.

3 hours a week, 1 semester, 3 credits. Fall and Spring

CLA 154 SOURCES OF GREAT WESTERN IDEAS
PHI 154

A study of the classical origins of Western Philosophy in Greece and Rome with special emphasis on its relevance for modern times.

Course may be credited to Classics or Philosophy.

3 hours a week, 1 semester, 3 credits. Fall and Spring

COMPUTER SCIENCE

While one may not major in Computer Science at St. Joseph's College, a good many courses in this field are offered. Many of these courses may be used for direct or elective credit in several certificate programs. Designed to satisfy a wide range of interests, offerings include courses in computer literacy, programming in specific languages, statistical manipulation by computer, and several business-oriented computer applications. In addition, Child Study majors may choose the combined fields of Mathematics/Computer Science as their are of concentration.

Computer Science courses all carry the COM prefix. Many of these courses have appeared previously under the BUS or MAT headings. Those courses which may earn students Business Administration credit are cross-listed under that department's heading. Full descriptions of all Computer Science courses are given in a special section in the Mathematics Department beginning on page 117.

COM 140 Microcomputer Applications

COM 150 Introduction to Computers

COM 152 Computer Programming

COM 154 Applications of the Computer

COM 247 Computer Science

COM 248 Numerical Analysis and Digital Computers

COM 249 Assembly Language

COM 286 Business Programming I
[BUS 286]

COM 287 Business Programming II
[BUS 287]

COM 288 Business Systems and Design
[BUS 288]

EDUCATION (SECONDARY)

S. John Raymond McGann, Ph. D., *Chairperson*

Plan B, a program designed to prepare teachers for secondary schools, grades 7-12, offers students the opportunity to acquire the competencies needed for effective teaching of Biology, English, and Social Studies. The program is approved for provisional teacher certification by the State Education Department. According to the regulations of the Regents of the State of New York, students must also achieve passing scores on the National Teacher Examination to receive a certificate to teach in New York State.

Plan B students major in the subject they expect to teach: Biology, English, or History (for teaching Social Studies). Specific requirements for the major are stated under each department's offerings. In order to be recommended for student teaching, students must have a major cumulative index of 2.7.

All students preparing to teach must complete two approved speech arts courses (three for English majors) and must demonstrate satisfactory speech.

Professional competence is developed through a sequence of courses which integrate theory and practice and which introduce the prospective teacher to working with students and teachers in a variety of school situations and in roles of increasing responsibility.

Candidates usually enter the program as sophomores. With the permission of the department, later entrance may be permitted.

Transfer credit is at the discretion of the chairperson.

Core Course: Education 115, Educational Psychology, may be offered to fulfill the requirement in the Social and Behavioral Sciences.

PLAN B: SECONDARY EDUCATION (Grades 7-12)

Teacher of Biology, English, Social Studies

REQUIRED COURSES (19 credits)	*credits*
EDU 115	3
PSY 125	3
EDU 234	2
EDU 360	3
EDU 361/363/366	2
EDU 473	6

REQUIRED SPEECH COURSES (6 or 9 credits)

SPC 102	3
SPC 106	3
SPC 117 (For English majors only)	3

SUGGESTED ELECTIVES

CS 121
CS 323

EDU 115 EDUCATIONAL PSYCHOLOGY

An introduction to the psychological foundations of education, aimed at developing basic competence in the understanding of growth and development, the psychology of personality and adjustment, the assessment and handling of individual differences, and the psychology of learning.

Observation and application in a field experience required of B Plan students.

Usually taken in sophomore year.

3 hours a week, 1 semester, 3 credits. Fall, Spring

EDU 234 SOCIOLOGICAL AND PHILOSOPHICAL FOUNDATIONS OF EDUCATION

An inquiry into the process of education as seen by the sociologist and the philosopher. Examination of selected contemporary problems, with emphasis on the needs of the urban school.

Weekly observing and assisting in a classroom required of B Plan students.

Usually taken in junior year.

2 hours a week, 1 semester, 2 credits. Spring

EDU 256 TEACHING ENGLISH TO SPEAKERS OF OTHER
(TE 100) LANGUAGES

A study of the theory, methods and materials used in the teaching of English to speakers of other languages. Topics include the cultural, psychological and linguistic considerations in teaching/learning a second language and the place of ESL in bilingual education.

2 hours a week, 1 semester, 2 credits. Fall 1989

EDU 267 RELIGIOUS DEVELOPMENT AND EDUCATION OF ADOLESCENTS

A study of the religious development of the adolescent from a psychological and theological perspective; aims, methods, and materials for religious education of the adolescent; opportunity for field work.

2 hours a week, 1 semester, 2 credits. Fall 1989

Senior Methods Block

The general and special methods courses, taken just prior to student teaching, are considered an integrated block, with a team of college instructors working together with high school teachers to help students develop competence. The total experience includes regular field work, supervised by the college, in one or more schools where students observe, tutor, assist with small groups, and begin to teach.

EDU 360 METHODS OF SECONDARY EDUCATION

A combined college-field course, seeking to develop competence in areas of common concern to secondary school teachers: the adolescent, curriculum, materials of instruction, methods, planning, motivation, evaluation, classroom management, audiovisual techniques, guidance and clarification of values, drug and alcohol education. Microteaching and classroom observation and practice.

Prerequisites: Departmental approval, EDU 115, PSY 125

3 hours a week plus field work, 1 semester, 3 credits. Fall

EDU 361 METHODS OF TEACHING ENGLISH IN SECONDARY SCHOOL

A study of aims, methods, and materials for the teaching of the language arts: composition, language, literature, reading, and speech. Observation and practice in teaching.

Prerequisite: Departmental approval

2 hours a week plus field work, 1 semester, 2 credits. Fall

EDU 363 METHODS OF TEACHING HISTORY AND SOCIAL STUDIES IN SECONDARY SCHOOL

A study of objectives, values, and problems of teaching history and social studies; high school curriculum and materials; classroom procedures and techniques; measuring the results of the teaching of social studies. Observation and practice in teaching.

Prerequisite: Departmental approval

2 hours a week plus field work, 1 semester, 2 credits. Fall

EDU 366 METHODS OF TEACHING SCIENCE IN SECONDARY SCHOOL

A study of aims, methods, and materials for teaching the physical and biological sciences. Extensive field work including observation, demonstrations, and practice in presenting lessons.

Prerequisite: Departmental approval

2 hours a week plus field work, 1 semester, 2 credits. Fall

EDU 473 SUPERVISED TEACHING IN SECONDARY SCHOOLS

Observation and supervised practice teaching, a minimum of five mornings a week, in a secondary school. Concurrent group and individual conferences, reports and discussions.

Prerequisites: Two approved speech courses; approval of Faculty Recommendations Committee.

1 semester, 6 credits. Fall, Spring

Career Education

The following courses are offered as a service to all students in the College by the Director of Counseling and Career Services.

EDU 180 SELF EXPLORATION AND CAREER SEARCH I

An interdisciplinary approach to expanding knowledge of oneself in relation to a fuller life and the choice of a career. Value clarification, decision making, theories of career development, sources of career information, avocational interests.

Suggested for sophomores and juniors.

75 minutes a week for 10 weeks, 1 credit. Not offered 1988-89

EDU 181 CAREER SEARCH II

An interdisciplinary approach to career possibilities and the skills needed to find employment in a chosen career. The self-inventory, resume writing, the job interview, sources of career information, field trips and related experiences.

Suggested for juniors and seniors.

75 minutes a week for 10 weeks, 1 credit. Spring



ENGLISH

Margaret Jennings, Ph.D., *Chairperson*

As one of the formative experiences of civilized life, the study of literature is an integral part of every person's intellectual development. All students, therefore, are encouraged to take a course in the 100 range which will extend the skills attained in Writing for Effective Communication and focus them on an understanding and appreciation of literary genres or of American literature.

Courses at the 200 level are delimited geographically and historically and aim at more sophisticated literary study; 300 level courses explore the works of individual authors; 400 level courses are generally restricted to junior and senior majors. The wide spectrum of literary and historical periods covered in the English department offerings provides for comprehensive background and the possibility of specialization in such areas as Major Authors, the American Experience, British Literature, and Creative Writing.

Core Courses: All 100 level literature courses and most courses in the 200 and 300 range.

The Major: 33 credits in addition to those earned in ENG 101 or 103
18 of the 33 in courses above the 100 level.

Required of Juniors: ENG 485 1 credit
Required of Seniors: ENG 486; ENG 452; ENG 400-401 9 credits

B Plan: 33 credits in addition to those earned in ENG 101 or 103.
18 of the 33 in courses above the 100 level.
The 33 credits must include a writing course and one course in each of the following: American, British, World Literature.
Speech 102 is required; two additional Speech Arts courses must be taken.

Area of Concentration For Child Study Majors: 21 credits in English in addition to those earned in English 103; twelve of the 21 credits must be in courses above the 100 level.

N.B. for Transfer Students:
Because the English Department requires that 18 of the 33 major credits be in courses at the 200 level or above, transfer students who have completed a program in Creative Writing will probably need all 18; those who have taken a literature sequence will have each course evaluated in reference to the St. Joseph's College Catalogue. Introductory courses will transfer at the 100 level; more specialized studies may transfer at the 200 level. Developmental or remedial courses do not count toward the major; neither does Composition which is a College requirement.

ENG 101 WRITING WORKSHOP

Analysis and application of the principles of effective writing at a moderate pace. Individual conferences are devoted to remedial work dictated by students' needs. Research techniques are also implemented.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ENG 103 WRITING FOR EFFECTIVE COMMUNICATION

Analysis and application of the principles of effective writing. Skill development in the performance of various writing tasks with attention to business communication. Research techniques also implemented.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ENG 104 NARRATIVE WRITING

Introduction to Narration: essentials, informational narrative, types; elements of the short story: plot, characterization, setting, dialogue.

Prerequisite: English 103 or written permission of the chairperson.

3 hours a week, 1 semester, 3 credits. Fall 1988

ENG 105 CREATIVE WRITING

Introduction to Creative Writing: various exercises in fiction, poetry, playwriting; opportunity to develop skill in gothic style, fantasy, and storytelling.

Prerequisite: English 103 or written permission of the chairperson.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 106 INTERMEDIATE FICTION WRITING

Further development of the writing skills acquired in English 104 and 105. The class will function as a workshop: students will be expected to read their work, give critiques of their classmates' work, and meet fairly regularly in individual conferences with the teacher.

Prerequisite: English 104 or 105 or written permission of the chairperson.

3 hours a week, 1 semester, 3 credits. Spring 1989

ENG 107 ADVANCED FICTION WRITING

A course in advanced writing designed to give students an opportunity to develop skill in the writing of the short story. Students will also be expected to read work in progress and criticize each other's writing in class.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 108 JOURNALISM

Designed to introduce students to the principles of journalistic writing, the basic elements and issues of news stories, and the expository and investigative techniques essential for successful communication in the mode.

3 hours a week, 1 semester, 3 credits. Spring 1989

ENG 110 COMMUNICATIONS FOR PROFESSIONALS

This course is designed to provide students with communication theories and proficiencies needed in professional organizations. Students will study the structural principles of this type of communication and its specialized writing techniques and formats, strengthen critical and editing skills, polish grammar and vocabulary, examine verbal and non-verbal communication modes, expertise in speaking and listening effectively.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ENG 111 THE LANGUAGE OF FILM

A study of what is probably the most current and most popular form of communication. Film lectures will center on the history and development of film as an art form; class sessions will also include the viewing of selected short and feature films as well as discussion and written evaluation.

2 hours a week, 1 semester, 3 credits. Spring 1989

ENG 112 CLASSICAL LITERATURE
CLA 112

A study of the human experience as reflected in the work of the great classical writers, such as Homer, Hesiod, Sophocles, Cicero, and Virgil. The influence of the classics on western literature will be examined. This course may be credited to Classics or English.

3 hours a week, 1 semester, 3 credits. Fall 1988

ENG 113 INTRODUCTION TO DRAMA

Reading and discussion of plays representative of the major periods of Western Drama designed to ask and answer the question: "What is the underlying, basic notion of the dramatic form?"

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 114 INTRODUCTION TO POETRY

A study of selected poems which embody humankind's quests and aspirations. Poetic techniques will be examined.

3 hours a week, 1 semester, 3 credits. Fall 1988

ENG 115 THE SHORT STORY

Definition, characteristics, developmental history, and stylistic trends of the short story as a literary form. Reading and interpretation of representative modern short stories.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ENG 116 RELIGION IN LITERATURE

A study of various writers whose works reflect the existential nature of man's struggle to come to terms with his and God's place in the universe.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 118 THE AMERICAN PERSPECTIVE

An exploration through literature of some unique aspects of the American experience: small town living, immigration, urban life styles, the Roaring Twenties, the Depression, race relations, alienation, concern for the future. Skill in interpretation and critical writing is developed.

3 hours a week, 1 semester, 3 credits. Fall 1988

Suggested Background for Courses in the 200-300 range:

Course	Background
ENG 219, 221	ENG 112
ENG 231, 232	ENG 113
ENG 234	ENG 114, 115
ENG 245	ENG 241
ENG 250	ENG 114, 115
ENG 253	ENG 114
ENG 257	ENG 115, 118
ENG 258, 259	ENG 115, 118, 257
ENG 320	ENG 112, 221
ENG 332	ENG 113, 219

ENG 218 MEDIEVAL LITERATURE

An introduction to the literary heritage of the Middle Ages, with special emphasis on the Spanish, French, Italian, and Latin backgrounds of Middle English. Rescued from obscurity are such important texts as the *Owl and the Nightingale,* the *Apocalypse of Golias,* and the *Testament of Cresseid,* while the student is also invited to browse in the gardens of medieval romance, epic and lyric.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 219 LITERATURE OF THE ENGLISH RENAISSANCE

Nondramatic literature of the English Renaissance as exhibited in the more important works in verse and prose of such representative writers as More, Sidney, Spenser, Marlowe, and Shakespeare.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 221 SEVENTEENTH CENTURY LITERATURE

The prose and poetry of the seventeenth century with religious, political, and social backgrounds; the Puritan, the Cavalier, and the Metaphysical writers of the century; the Restoration and its literature.

3 hours a week, 1 semester, 3 credits. Spring 1990

ENG 222 EIGHTEENTH CENTURY LITERATURE

The prose and poetry of the eighteenth century with political and social backgrounds; from the time of Pope through the days of Dr. Johnson; discussion of the beginnings of romanticism.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 231 COMEDY

A historical and developmental study of the form from earliest times to the present. Selected texts will be studied to illustrate the vagaries in the genre.

3 hours a week, 1 semester, 3 credits. Spring 1989

ENG 232 TRAGEDY

A historical and developmental study of the form from earliest times to the present. Selected texts will be studied to illustrate the various definitions of tragedy.

3 hours a week, 1 semester, 3 credits. Fall 1988

ENG 233 PROSE AND POETRY OF THE ENGLISH ROMANTIC MOVEMENT

A study of the complete works, including poetry and prose, of the six major Romantic poets: Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 234 A VICTORIAN TREASURY

A study of representative Victorian poets and prose writers, such as Tennyson, Browning, Mill, Arnold, Newman and Hopkins; current social and intellectual movements with relation to the literature of the period.

3 hours a week, 1 semester, 3 credits. Spring 1990

ENG 241 THE RISE AND DEVELOPMENT OF THE NOVEL

The Novel: its roots and development from Greek literature to the 19th century.

3 hours a week, 1 semester, 3 credits. Spring 1989

ENG 245 MODERN BRITISH NOVEL

Beginning with Thomas Hardy this course will explore the development of the British novel within the context of the experimental techniques of continental fiction.

3 hours a week, 1 semester, 3 credits. Fall 1989

ENG 250 ANGLO-IRISH LITERATURE

A close reading of selected works of five twentieth century Anglo-Irish authors (Yeats, Synge, Joyce, O'Casey, and Heany) emphasizing the relationship between their writing and the political history of modern Ireland.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 253 MODERN POETRY

An in-depth study of Eliot, Frost, Yeats, and Stevens with side glances at Moore, Williams, Pound, Thomas, and their poetic colleagues.

3 hours a week, 1 semester, 3 credits. Fall 1989

ENG 256 THE BIBLE AS LITERATURE

A study of the historical development of the English Bible; the literary analysis of selections from both Old and New Testaments with emphasis upon the poetry and narrative elements; the relationship between the 1611 translation of the English Bible and the mainstream of British and American literature.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 257 COLONIAL AND EARLY NATIONAL AMERICAN LITERATURE

To examine the inter-relationship of literature and environment as evidenced in the writings of the period 1620-1840. The course will stress those elements of the literature that reveal its European origins and at the same time attempt to surface those elements that are unquestionably American.

3 hours a week, 1 semester, 3 credits. Spring 1989

ENG 258 AMERICAN RENAISSANCE

This course will include a study of the major American writers of the period 1840-1890. It will concern itself with the development of a uniquely American literature and focus on Emerson, Thoreau, Hawthorne, Melville, Poe, Dickinson, and Whitman.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 259 MODERN AMERICAN NOVEL

An examination of the new fictional techniques and thematic concerns of the American novel beginning with Henry James. 3 hours a week, 1 semester, 3 credits. Fall 1988

ENG 302 DANTE

The great medieval poet comes alive through consideration of his *Convivio* and *Vita Nuova* in addition to the magnificent *Commedia.* Dante's seminal influence on medieval and later literature is also an important focus in this course.

Independent readings plus intensive mini-session. 2 or 3 credits. Not offered 1988-89

ENG 305 CHAUCER

To know "the first of the greats" in himself, in his position as a love poet, in his relation to the social, cultural, and religious milieu of the fourteenth century. Approaches to this vary but the emphasis is on the Chaucerian literary canon.

3 hours a week, 1 semester, 3 credits. Fall 1988

ENG 320 MILTON

Reading and interpretation of *Paradise Lost, Paradise Regained, Samson Agonistes,* together with Milton's minor poems and selections from his prose. Class discussions and reports suggested by the study.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ENG 332 THE BEST OF SHAKESPEARE

A survey of the literary period of Shakespeare and its influence on the drama; reading and interpretation of the Shakespearean plays; study of the structure and types of plays, with emphasis on his best loved and most widely known works.

3 hours a week, 1 semester, 3 credits. Summer 1988

ENG 400-401 ADVANCED SURVEY OF ENGLISH LITERATURE

A detailed consideration of the literature of England in its historical-social background from earliest Anglo-Saxon writing through the twentieth century.

Required of English majors in their senior year.

2 hours a week, 2 semesters, 4 credits. Fall and Spring

ENG 452 LITERARY CRITICISM

An investigation of topics like: the nature of literature, greatness in literature, the creative artist and his creation; the evolution of standards of judgment and their application to contemporary writing; an exploration of the relation of literature to other disciplines.

Required of English majors.

3 hours a week, 1 semester, 3 credits. Spring

ENG 485-486 SEMINAR IN LITERATURE

A study of the methods and techniques of literary research, with special attention to sources and bibliographical problems. Individual research in a restricted field of English or American literature, terminating in the preparation of a thesis.

Required of English majors.

1 hour a week, spring semester, 1 credit, junior year

2 hours a week, fall semester, 2 credits, senior year

CASSETTE COURSES

To encourage independent work, the English Department offers courses in American and other literatures in which lectures are on tape and students respond by means of study guides.

ENG 237 MODERN AMERICAN DRAMA (Cassette Course)

A study of the major American dramatists of the twentieth century. By means of cassettes and study guides, two plays from each of the following authors will be considered: Thornton Wilder, Arthur Miller, Tennessee Williams, Clifford Odets, Eugene O'Neill and Edward Albee.

2 credits.

A third credit can be obtained through the completion of an extended research paper. For the third credit, consultation with the supervising professor will be necessary.

ENG 238 MODERN EUROPEAN DRAMA (Cassette Course)

This course will investigate the development of modern drama in the European tradition from Ibsen to the Absurdists. Tapes and study guides are provided. Independent study.

2 credits.

An additional credit can be earned through the completion of an extended research paper. For this credit, consultation with the supervising professor will be necessary.



FINE ARTS

The arts embody some of the highest aspirations of the human spirit. Convinced of this, the Fine Arts Department seeks to introduce students to the enjoyment of the masterpieces of music and art. They are taught to develop their taste and deepen their critical sense as they pursue introductory work. Additional courses are offered for those students who desire further enrichment or technical skills.

Areas of Concentration for Child Study Majors: Child Study Majors may complete a concentration in Art, Music or Fine Arts. Fine Arts Concentration (21 credits in music, dance and art combined). Courses must be selected under the guidance of the Music and Art Departments.

ART

S. Patricia Manning, M.A., *Departmental Representative*

Core Courses: Art 100, 103, 122, 185.

If a student takes one of the above courses in art, s/he may offer one additional non-studio and one studio course in art toward the Core Curriculum.

Area of Concentration for Child Study Majors: Art (21 credits)

Courses must be selected under the guidance of the Art Department.

Art Appreciation

ART 100 THE UNDERSTANDING AND APPRECIATION OF ART

A study of the creative impulse as expressed in painting, architecture and sculpture from prehistoric times to the twentieth century, with emphasis on art as a reflection of the religious, cultural and social attitudes of the times. Illustrated lectures, discussions and museum visits.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ART 103 ART AND ARCHITECTURE IN ENGLAND, FRANCE AND ITALY

An intensive field trip experience to London, Paris, Florence and Rome in which students will study the architecture, sculpture and painting of these European countries. Guided tours and lectures on site by St. Joseph's Faculty along with native guides will offer students a complete aesthetic appreciation and analysis. Three slide-lecture presentations on campus during the summer session will precede the trip. Students will be required to keep a daily log of each day's travel and to answer research questions. This log will be evaluated at the conclusion of the travel experience.

Nine hours on campus, tour 10 days, 2 credits. May be taken for 3 credits with completion of a research project. Summer

ART 122 PRINCIPLES OF MODERN ART

Survey of modern painting, sculpture and architecture from the late nineteenth century to the present. Study of the fundamental principles of art through analysis and discussion of representative works and through the use of limited studio assignments to gain insight into the concepts and considerations of the artists. Illustrated lectures, discussions, limited studio exercises, visits to museums and galleries.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ART 185 ART AS COMMUNICATION

An introduction to the fine and functional arts. Analysis of how the painter, sculptor and architect use art elements and materials as a means of expression and communication. Discussion of the relationship of art to human needs and the role of art in daily life: the community, school, home and religion. Studio projects and illustrated lectures.

Studio fee.

3 hours a week, 1 semester, 3 credits. Fall and Spring

Studio

The emphasis of studio courses is to guide the students in discovering, developing and expressing their creative potential. Exposure to varied approaches and techniques offers the beginning as well as the advanced student, a broad scope for individual growth and expression.

A $20-75 materials fee will be charged in all studio courses.

ART 163 CRAFTS AS AN ART FORM

An introduction to various craft techniques including quilting, staining glass, copper tooling, decoupage and/or other craft media as a means of creative expression.

3 hours a week, 1 semester, 2 credits. This course may be taken for 3 credits with an additional studio hour. Spring

ART 183 DRAWING

An introduction to the skills and creative possibilities of drawing. This course is designed to enable the students to discover and develop their own unique styles and expressive qualities. Group discussion and analysis develops a critical awareness of the work of others as well as their own.

3 hours a week, 1 semester, 2 credits. This course may be taken for 3 credits with an additional studio hour. Fall

ART 184 PAINTING

Varied techniques, materials and approaches to painting are explored to develop and expand the students' capabilities and modes of expression

3 hours a week, 1 semester, 2 credits. This course may be taken for 3 credits with an additional studio hour. Spring

ART 186 CERAMICS

A basic course in methods of working with clay including firing and glazing techniques. Emphasis will be given to the developing of good structural form and decorative design.

3 hours a week, 1 semester, 2 credits. This course may be taken for 3 credits with an additional studio hour. Fall

ART 195 INTRODUCTION TO CALLIGRAPHY

The development of those skills required to learn the Chancery Cursive Alphabet, based upon and adapted from the writing masters of the 15th century. Emphasis will be placed on the personal inventive usage of the style by the student calligrapher.

3 hours a week, 1 semester, 2 credits. This course may be taken for 3 credits with an additional studio hour. Fall and Spring

ART 226 INTRODUCTION TO ART THERAPY

The principles and processes of art therapy are explored through a variety of art experiences. The problems encountered in learning to work with persons having emotional or physical handicaps, as well as the mentally retarded and other patient populations, are presented and analyzed.

This course may not be offered for the Core Curriculum.

3 hours a week, 1 semester, 3 credits. Spring

ART 267 DESIGN WORKSHOP

A basic course with individual projects to suit career needs. Preparation for exhibitions, planning publicity, advertising brochures and posters.

3 hours a week, 1 semester, 2 credits. This course may be taken for 3 credits with an additional studio hour. Spring

ART 280 PHOTOGRAPHY AS AN ART

The fundamentals of black and white photography as the means of developing the aesthetics of this art form. Emphasis will be placed on principles of good composition through the lens and creative experimentation in the darkroom.

Students must have the use of their own 35 mm camera.

1½ hours class instruction, 3 hours practicum per week, 1 semester, 3 credits. Fall

DANCE

Core Course: Dance 101.

This course will fulfill the core curriculum option. However, it may not be used as one of the six humanities areas.

DAN 101 TECHNIQUE AND SOURCES OF MODERN DANCE

A comprehensive course designed to provide students with an understanding of both the physical and creative aspects of Dance. Emphasis on movement training in modern dance tecnhiques. An introduction to dance as an art form: history and criticism, elements of choreography, the relationship of dance to other arts.

Students may select this course to fulfill the core curriculum option of one semester of dance within the humanities division.

3 hours a week, 1 semester, 3 credits. Fall and Spring

DAN 201 TECHNIQUE AND SOURCES OF MODERN DANCE

A continuation of Dance 101.

Prerequisite: Dance 101

3 hours a week, 1 semester, 3 credits. Fall and Spring

MUSIC

Cynthia Parrett, M.M., *Departmental Representative*

Core Courses: Music 100, 101, 102, 108, 120, 121, 207, 208, 209, 210.

If a student takes one of the above core courses in music, s/he may offer one additional non-performance and one performance course in music toward the Core Curriculum.

Area of Concentration for Child Study Majors: Music (21 credits)

Courses must be selected under the guidance of the Music Department.

MUS 100 THE UNDERSTANDING AND ENJOYMENT OF MUSIC

A course in perceptive listening. Study of the various forms and styles in the musical literature from the Medieval to the Contemporary period. Illustrative recordings, required attendance at concerts.

3 hours a week, 1 semester, 3 credits. Fall 1988 (Both day and evening sessions)

MUS 101 BASIC THEORY

Introduction to basic theory: intensive drill in notation and visual recognition in treble and bass clefs of key signatures, scales, intervals and meters; development of a sense of tonality through basic sight singing and melodic dictation.

3 hours a week, 1 semester, 3 credits. Spring

MUS 102 INTRODUCTION TO PERFORMING ARTS: MUSIC

A music course with special emphasis on attendance at a variety of musical events in New York City and Long Island, including symphony concerts, operas, ballets, recitals, jazz concerts and Broadway musicals. Class discussions include preparation and examination of the chief characteristics of the music to be performed and an evaluation and discussion following each event.

3 hours a week, 1 semester, 3 credits. Fall

MUS 108 THE OPERA

The evolution of the opera. Historical background of the great composers. Representative recordings to supplement the lectures. Analysis of several individual operas. Required attendance at an opera performance.

3 hours a week, 1 semester, 3 credits. Spring

MUS 207 TWENTIETH CENTURY MUSIC

A survey of the outstanding composers since the turn of the century, including Debussy, Ravel, Stravinsky, Schoenberg, Berg, Webern, Milhaud, Honegger, Poulenc, Bartok, Hindemith, Prokofiev, Shostakovitch, Vaughan-Williams, Britten, Ives, Copland and other American composers. The historical background of the composers, their aesthetics and style characteristics, with special reference also to serial, aleatoric, electronic music and jazz.

Prerequisite: Music 100 or permission of the Instructor.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

MUS 208 THE CLASSICAL ERA (1750-1820)

The Classical style of Composer, Patron and Public in the Viennese Period: exploration of Sonata Form, Theme and Variations, Classical Symphony, Classical Concerts and Chamber Orchestras; treatment of basic concepts, terms and forms of design in Classical Music; presentation and analysis of the works of Joseph Haydn, Wolfgang Amadeus Mozart and their Classical contemporaries.

Prerequisite: Music 100 or permission of the instructor.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

MUS 209 THE BAROQUE ERA (1600-1750)

The history of Early, Middle and Late Baroque in Italy, France, the Netherlands, England and Germany. A study of the recitative style, lute and keyboard music; cantata, oratorio and opera. Special reference to the music of Gabrieli, Monteverdi, Frescobaldi, Lully, Corelli, Purcell, Couperin, Vivaldi, Telemann, Rameau, Bach, Handel and Scarlatti.

Prerequisite: Music 100 or permission of the Instructor.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

MUS 210 THE ROMANTIC ERA

Musical thought in the 19th century. The Romantic Movement as manifested in music. Changing forms of musical composition such as the symphony, concerto and opera. Special study of the works of Schubert, Schumann, Chopin, Brahms, Berlioz, Wagner and Verdi.

Prerequisite: Music 100 or permission of the Instructor.

3 hours a week, 1 semester, 3 credits. Spring 1989 (Both day and evening Sessions)

MUS 226 MUSIC THERAPY

The use of various types of music and musical instruments to promote and enhance personality growth and development.

This course may not be offered for the Core Curriculum.

3 hours a week, 1 semester, 3 credits. Spring

Performance Courses

The emphasis of performance courses is to guide the students in discovering and expressing their creative musical potential. Exposure to varied techniques and approaches offers the beginning as well as the advanced student, a broad scope for individual growth and expression.

MUS 120 VOCAL TECHNIQUE, CHORAL LITERATURE AND PERFORMANCE

A performance-directed choral experience with emphasis on developing the average voice to sing freely and in tune throughout its full range. Music reading and rhythmic perception required of representative choral works of the great historical periods will be developed.

3 hours a week, 1 semester, 3 credits. Fall

MUS 121 VOCAL TECHNIQUE, CHORAL LITERATURE AND PERFORMANCE

A continuation of choral literature and music theory.

3 hours a week, 1 semester, 3 credits. Spring

MUS 122 THE CHAMBER CHORUS

A small ensemble of students proficient in sight reading and interested in the study and performance of representative choral works that have played an important role in shaping vocal music. Significant and representative selections, mostly a cappella from the Renaissance through Contemporary periods.

One semester of Music 122, may be used as additional core credit.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89



HISTORY

S. Teresa Avila Burke, Ph.D., *Chairperson*

The courses in history are semestral and are arranged to meet the needs not only of history majors, but of all students who are interested in history for its value as a liberal discipline. The courses are designed to present either a general survey of some civilizations, or an intensive analysis of more specialized fields in order that the student may acquire a deeper appreciation of the historical process, a fuller comprehension of the human person in the context of time, and a body of knowledge which will generate perspective on contemporary issues.

History is an excellent major for pursuing graduate work in the new field of public history. Consult the chairperson for advice in selecting courses. In addition, there are groupings of courses that will enhance the career opportunities of history majors. These are placed at the end of the course offerings of the department on page 106.

Students intending to pursue history in graduate school, are strongly advised to acquire a reading knowledge of a foreign language. In addition, their selection of courses should cover a broad survey of Western and World history.

The Department will accept 15 transfer credits toward the major.

Phi Alpha Theta

St. Joseph's College has a chapter, Phi Mu, of the international history honor society, Phi Alpha Theta. See section on Academic Life.

Core Courses: The courses numbered from 100-361 inclusive may be offered as core courses.

Note: Courses in the 100's deal with History of the Western World
Courses: in the 200's deal primarily with Third World areas.
Courses in the 300's deal with specialized areas.
Courses in the 400's are open to majors only

(The three credits required for the core may be included in the thirty required for the major as well as in the twenty-one required for the area of concentration in History.)

Major:

Required for the Major: 30 credits (a maximum of 15 credits may be transferred into the major.)

A senior thesis is due April 1 of the year of graduation for all history majors.

Required Courses (30 credits)	*Credits*
HIS 410	2
HIS 411 (Thesis due April 1)	2
HIS 420	2
HIS electives with the advisement of the Chairperson	24
	30

B Plan: Teaching Social Studies in Secondary Schools

History	*credits*
HIS 410	2
HIS 411 (Thesis due April 1)	2
HIS 420	2
HIS 170 & 172	6
HIS 122	3
	15
Choose one course from each group:	
HIS 129, 161	3
HIS 131, 133,	3
HIS 141, 142, 166, 232	3
HIS 150, 152, 310	3
Choose two courses from	
HIS 210, 215, 220, 224, 250	6
	18
Required Social Science	
ECO 120	3
ECO 178	3
POL 102 or 103	3
SOC 100	3
ANT 151	3
One other course in either economics or political science	3
	18

Area of Concentration for Child Study Majors: Child Study Majors will elect their courses (21 credits) with the approval of the Child Study Department

HIS 122 THE GLORY THAT WAS GREECE: THE GRANDEUR THAT WAS ROME

An in-depth study of the Greco-Roman culture and civilization. Special attention will be given to the political, social, economic and cultural life of both peoples against the world setting in which they both rose, flourished, and declined. This course may be offered for History or Classics requirement.

3 hours a week, 1 semester, 3 credits. Fall and Spring

HIS 129 THE MEDIEVAL EXPERIENCE

The emergence of European civilization from the decline of the Roman Empire to the "summer" of the middle ages in the fourteenth century, setting the scene for the rise of Modern Europe.

3 hours a week, 1 semester, 3 credits. Fall

HIS 131 RENAISSANCE AND REFORMATION

Western Europe will be examined between 1300 and 1550: humanism, the Renaissance arts and sciences, political experimentation, capitalistic and commercial developments, expanding world horizons and religious conflict.

3 hours a week, 1 semester, 3 credits. Spring 1990

HIS 133 EARLY MODERN EUROPE: AN AGE OF POWER

Western Europe, 1550-1715, will be examined as a time of: religious and political conflict, the rise of modern states, mercantilism, the scientific revolution, the Baroque culture.

3 hours a week, 1 semester, 3 credits. Spring 1989

HIS 141 THE FRENCH REVOLUTION AND NAPOLEON 1789-1815

This period will be considered within the context of the Atlantic Community and the *Ancien Regime*. The causes of the French Revolution in depth, the course of the Revolution, the "Napoleonic Revolution," and the long lasting effects of the era will be covered.

3 hours a week, 1 semester, 3 credits. Spring 1989

HIS 142 NINETEENTH CENTURY EUROPE

An analysis of the forces for change in 1815-1914 and their impact on individual Western European states. Special consideration will be given to the 'new' imperialism and the outbreak of World War I.

3 hours a week, 1 semester, 3 credits. Spring 1990

HIS 150 AGE OF HOPE AND DISILLUSIONMENT: TWENTIETH CENTURY WORLD

An analysis of man's endless search for peace and security from World War I to the present, with particular emphasis upon the European scene.

3 hours a week, 1 semester, 3 credits. Fall

HIS 152 CONTEMPORARY INTERNATIONAL PROBLEMS

An in-depth study of selected controversial issues in the field of current history.

3 hours a week, 1 semester, 3 credits. Spring

HIS 161 ENGLAND FROM THE ROMAN CONQUEST TO THE GLORIOUS REVOLUTION

Particular attention will be given to the development of Parliament, legal institutions and common law, the decline of medieval kingship, the Tudor revolution in government and the Civil War.

3 hours a week, 1 semester, 3 credits. Fall 1989

HIS 166 ENGLAND SINCE 1688

Particular attention will be given to the structure of the 18th-century society and politics, the transformation of English society by the Industrial Revolution, the growth of democracy, imperialism, and the impact of two world wars on Great Britain.

3 hours a week, 1 semester, 3 credits. Spring 1989

HIS 167 HISTORY OF IRELAND

Survey of Irish history from prehistoric times to the present. Emphasis will be on both political and cultural heritage, as well as on social and economic problems. The origins of the "Northern Irish question" will be explored in depth.

3 hours a week, 1 semester, 3 credits. Fall 1989

HIS 170 AMERICAN HERITAGE I

An historical study of the United States from its colonial beginnings through Reconstruction, 1763-1877.

3 hours a week, 1 semester, 3 credits. Fall

HIS 172 AMERICAN HERITAGE II

A continuation of the study of United States History from the Reconstruction to the present.

3 hours a week, 1 semester, 3 credits. Spring

HIS 210 MODERN SUB-SAHARAN AFRICA

A survey of contemporary Africa south of the Sahara with emphasis upon internal history in the twentieth century from the viewpoint of current situations.

3 hours a week, 1 semester, 3 credits. Spring 1990

HIS 215 THE ARAB WORLD

North Africa and the Middle East in the nineteenth and twentieth centuries from the viewpoint of contemporary issues. The State of Israel will be considered in relation to the Arab world.

3 hours a week, 1 semester, 3 credits, Fall 1988

HIS 220 EAST ASIA

The history and culture of China, Korea, Japan with an emphasis upon understanding the contemporary scene in light of the past.

3 hours a week, 1 semester, 3 credits. Spring 1989

HIS 224 SOUTH AND SOUTHEAST ASIA

A study of post World War II developments in India, Pakistan and Southeast Asian countries in light of past history. Emphasis will be upon the rise of nationalism, problems of a social and economic order and an evaluation of world involvement in the areas.

3 hours a week, 1 semester, 3 credits. Fall 1989



HIS 231 MEDIEVAL RUSSIA

The evolution of the Russian state from the Medieval Kievan period through the throes of modernization under Peter and Catherine up to the eve of the Great Reforms.

3 hours a week, 1 semester, 3 credits. Spring 1990

HIS 232 MODERN RUSSIA

An analysis of the economic, intellectual, social and political changes in Russia from the time of the Great Reforms to the present.

3 hours a week, 1 semester, 3 credits. Spring 1991

HIS 250 LATIN AMERICA

Iberian civilization in America from its colonial period to the present. Focus will be on the emergence of selected countries as modern nations and upon Latin America in hemispheric and world affairs in the twentieth century.

3 hours a week, 1 semester, 3 credits, Spring 1989

HIS 263 WORLD CITIES

A comparative study of selected world cities, surveying universal urban problems against specific historical and environmental settings. Selections will include Africa, Asia, as well as Europe and the Americas.

3 hours a week, 1 semester, 3 credits. Fall 1989

HIS 310 AMERICAN FOREIGN POLICY

Principles and problems in American diplomatic history in periods of national and world crisis.

3 hours a week, 1 semester, 3 credits. Spring 1989

HIS 321 AMERICAN SOCIAL AND INTELLECTUAL HISTORY

Discussion on selected topics of the non-political aspects of American history, including economic influences, racial contributions, literary, artistic and scientific trends as well as religious problems and reform movements.

3 hours a week, 1 semester, 3 credits. Fall 1988

HIS 331 THE AMERICAN COLONIAL EXPERIENCE: 1607-1789

A study of the process by which English settlers evolved into Americans. Particular stress will be given to intellectual and religious trends, the forms of government, the transformation of the social order, the causes of the American Revolution.

3 hours a week, 1 semester, 3 credits. Fall 1989

HIS 335 AMERICAN CIVIL WAR AND RECONSTRUCTION

An examination of why the crisis occurred when it did, of the main actors in the tragedy, and of the short and long range consequences of the War between the States.

3 hours a week, 1 semester, 3 credits. Spring 1990

HIS 340 HISTORY OF NEW YORK: STATE AND CITY

An analysis of the history of New York from its Dutch beginnings to the present. An introduction to the depositories of materials on local history.

3 hours a week, 1 semester, 3 credits. Spring 1991

HIS 345 AMERICAN URBAN HISTORY

This course will explore various factors in the process of city building as they apply to American cities; industrial development, transportation, technological changes, ethnicity and immigration, religious factors. The growth and decline of specific American cities will be examined and consideration will be given to what the future holds for American cities.

3 hours a week, 1 semester, 3 credits. Not offered in 1988-89

HIS 347 LONG ISLAND IN HISTORY

A political, economic and social history of Long Island from pre-colonial times to the present with emphasis on Nassau and Suffolk counties. Slide presentations, films and visits to historic sites will supplement class discussions.

3 hours a week, 1 semester, 3 credits. Spring

HIS 348 LONG ISLAND IN HISTORY AND TRAVEL

This course will examine political, economic, social and cultural aspects of the history of Nassau and Suffolk Counties from pre-colonial times to the present. It is a modification of History 347. Half the course will be devoted to field trips. It will be offered in Summer Session only. (Students will not receive credit for both History 347 and History 348.)

3 credits. Not offered in Summer 1989

HIS 361 FAMOUS MEN AND WOMEN: BIOGRAPHY AS HISTORY

Certain great men and women will be singled out for a study of their influence on the course of history.

3 hours a week, 1 semester, 3 credits. Intersession 1990

HIS 365 COLLOQUIUM IN TUDOR - STUART ENGLAND

Research and discussion will center on the rise of the Tudors to the revolution of 1688; England's role in a time of the Renaissance and religious conflict; an analysis of the Civil War; constitutional developments and the beginnings of empire.

With permission of the instructor

3 hours a week, 1 semester, 3 credits. Spring 1990

HIS 370 SELECTED THEMES OR TOPICS OF HISTORICAL INTERST

This course will deal with historical problems and developments not covered in depth in the regular course offerings of the department. It will enable students to take advantage of faculty expertise in areas of interest to both faculty and students. Since the content will vary, a course description and outline will be filed and approved by the Chairperson and Academic Dean prior to offering in the regular schedule of courses for a particular semester.

With permission of the Chairperson

3 hours a week, 1 semester, 3 credits. Fall and Spring

HIS 410 SEMINAR IN HISTORICAL METHODOLOGY

An introduction to the principles of historical criticism and the methods of historical research. Seminar includes an examination of a restricted field of history as a laboratory subject and the beginning of the required thesis for seniors.

Required of all history majors in Junior year

2 hours a week, 2 credits. Spring

HIS 411 SENIOR THESIS

Seniors complete the required thesis under the supervision of a faculty member.

2 credits. Spring of Senior year

HIS 420 HISTORIOGRAPHY — SEMINAR

The nature of history and various approaches to history. Readings and discussions of selected great historians from earliest times to the present, including both Western and non-Western civilizations.

Required of all history majors in Senior year

2 hours a week, 1 semester, 2 credits. Fall

HIS 430 DIRECTED READINGS

Readings and tutorials arranged for the individual student with a faculty member in a field of faculty member's special interest.

Open only to juniors and seniors in the History Department, with the approval of the Department Chairperson. (Students should have a general background of the period in which they wish to read).

2 or 3 credits. Fall and Spring.

HIS 431 HARVARD NATIONAL MODEL UNITED NATIONS EXPERIENCE

Students who participate are required to attend all of the sessions of the four day Harvard National Model United Nations. They will also attend the preparation meetings, do the required research and submit the necessary position papers. A faculty member will supervise the project.

1 credit, Spring

HIS 435 SUPERVISED INTERNSHIP

The student will spend four or six hours per week as an intern in an historical society, a museum, library, or any other agency that will provide an experience in historical methodology and research. The professor, the student, and the agency representative will work out the contractual terms of the course.

Open to history majors and concentrates.

2 or 3 credits. Fall and Spring

SUGGESTED GROUPINGS OF COURSES FOR HISTORY MAJORS:

Certificate Program in Business Management, see page 168.

Certificate Program in Leadership and Human Resources Development, see page 168.

Career Readiness Track in Government Services, see page 175.

Suggested Electives for those interested in pursuing a law degree:

HIS 170, 161, 166
BUS 110, 150
COM 150
PHI 123
POL 103, 280
SPC 102

HUMAN RELATIONS

William Bengston, Ph.D., *Coordinator*

This interdisciplinary major leading to a Bachelor of arts degree includes sociology - anthropology, and psychology.

It seeks to equip students with specific skills which are necessary for today's citizen to be effective in his relations with others, in school, in social service agencies, in business, in government.

Required for the Major: 36 credits (A maximum of 12 credits may be transferred into the major.)

Required Courses:

SOC 100	Introductory Sociology	3
PSY 100	Introductory Psychology	3
SOC 136	Social Problems	3
PSY 251	Social Psychology	3
SOC 348	Research Methods; ***or***	
PSY 391	Experimental Methodology	3
HR 400	Seminar in Human Relations	3

Major Elective Courses may be selected from the following course offerings listed under Sociology - Anthropology and Psychology.

Sociology — Anthropology Course Offerings:

SOC 100 INTRODUCTORY SOCIOLOGY

A study of the basic concepts used in sociological analysis, particularly culture, types of social groups, processes of interaction, social class, population traits and trends.

3 hours a week, 1 semester, 3 credits. Fall and Spring

SOC 136 SOCIAL PROBLEMS

An examination of what society considers to be social problems with a view toward showing how society produces these phenomena and to what extent they are solvable. Areas include: crime, mental illness, drug abuse, alcoholism, other forms of deviance, poverty, racism, conflicts over power.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall and Spring.

SOC 146 SEX ROLES IN CONTEMPORARY SOCIETY

Introductory review of economic, social and cultural changes that have modified the traditional definitions of femininity and masculinity in Western societies. Discussions include: socialization, sexual behavior, marriage and alternative life styles.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 149 ETHNIC STUDIES

An examination of the race and ethnic relations in American society, including a discussion of assimilation vs. pluralism, minority status, group tensions and the dynamics of prejudice and discrimination. The experience of historic and contemporary ethnic groups in New York will be explored.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 220 SOCIOLOGY OF DEVIANT BEHAVIOR

An examination of the various sociological approaches to understanding and explaining crime, delinquency, deviance, drug usage, and other alleged aberrations in society and culture. Additionally, major case studies will be examined.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 230 SOCIAL ORGANIZATIONS

A theoretical approach to the study of various organizations; examination of organizational structure and processes, role of environment, and interorganizational relations.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 1990

SOC 237 SOCIAL STRATIFICATION

Topics include: the values, life styles and ideologies of the various classes, the relationship of the classes to economic, political and educational institutions; changes in the class structure.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 239 SOCIOLOGY OF RELIGION

A theoretical examination of the character and internal structure of religious institutions, and their relationship with other institutions of society.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 240 INTRODUCTION TO SOCIAL WORK

Scientific approach to social work as a profession within the structure of modern society; its principles and application of concepts.

Techniques of observation, interviewing, elements of a social history, interpretation of case material. Methods of casework, group work, community organization; role of the social worker functioning in a variety of settings—as practitioner, as consultant to allied fields.

This is a pre-professional course and may not be offered for core curriculum.

3 hours a week, 1 semester, 3 credits. Fall

SOC 241 EXPERIENCE IN SOCIAL WORK

A planned field experience in a community social work agency; regular seminar meetings to evaluate, discuss and interpret this experience.

Prerequisite: SOC 240

3 hours a week, 1 semester, 3 credits. Spring

SOC 243 CRIMINOLOGY

An examination of sociological concepts, theories, and perspectives regarding the study of crime. Topics include: the amounts and trends of crime; theoretical explanations; policies of crime control.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 244 PENOLOGY

An investigation into the various punitive and rehabilitative methods and practices employed by the correctional field in dealing with crime and criminality.

Topics include: history of correction; theories of punishment; effectiveness of rehabilitation.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 245 URBAN SOCIETY

Study of the scale and pace of urbanization both in and outside the United States, with special interest in the cities in the process of modernization; American city analyzed from the viewpoint of ecology.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 1989

SOC 250 SOCIAL CHANGE

Theories of social change will be examined in light of economic, social, political, and cultural transformation which characterize industrializing and modern industrial societies.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 1989, 1991

SOC 254 SOCIOLOGY OF YOUTH

A social-psychological analysis of adolescence and the changing position of youth in society throughout history. The course examines both social structural conditions that have created adolescence as a position of uncertainty and vulnerability in modern society, as well as diverse subcultures which youth have created as collective responses to this position.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 256 SOCIOLOGY OF EDUCATION

An examination of the institution of education and the structure, processes, and interaction patterns within it. Sociological theories are presented to analyze the relationship between education and social change and other major social institutions in American society.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 260 SOCIOLOGY OF SCIENCE

An investigation into the influence of social processes on the development and evolution of empirical and theoretical scientific knowledge.

Prerequisite: SOC 100; Restricted to upper division students; or with departmental approval.

3 hours a week, 1 semester, 3 credits. Fall 1989

SOC 265 SOCIOLOGY OF POPULAR CULTURE

An application of the theory and methodology of sociology to a study of popular culture in America. Content will include an analysis of institutional processes, which includes how, in the mass media, music, dance, movies arts and literature, decisions are made, message systems are composed, and other institutions involved.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 1988, 1990

SOC 270 SOCIOLOGY OF HEALTH

An exploration of the social and cultural facets of health and illness, and the functioning of organizations involved in health care. The social behavior of health personnel and those who are the consumers of health care is stressed also.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 1990

SOC 285 SOCIOLOGY OF THE FAMILY

The family as a social institution examined in both historical and comtemporary contexts with special emphasis on the American family patterns.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 347 SOCIOLOGICAL THEORY

The development and continuities of theoretical concepts and orientations in sociology against the intellectual and social backgrounds of their times. Differing schools of thought and representative works.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 348 RESEARCH METHODS

Theory and practice in the research process with emphasis on the statement of a problem, sampling, and various techniques of collecting and analyzing data.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

ANT 151 CULTURAL ANTHROPOLOGY

The basic principles, fundamental ideas and insights of cultural anthropology will be examined through comparative ethnographic accounts. The view of humans as both the products and creators of their culture will be explored through an analysis of cultural variation and culture change.

3 hours a week, 1 semester. 3 credits. Fall

ANT 152 PHYSICAL ANTHROPOLOGY

An exploration of the physical, behavioral, and cultural heritage of man from an evolutionary point of view. Broad topics will include an assessment of the relevance of primate behavior; theories on the origin of the human line; the evidence for human evolution in terms of stone tools and fossils.

3 hours a week, 1 semester, 3 credits. Spring 1990

Psychology Course Offerings:

PSY 100 INTRODUCTION TO PSYCHOLOGY

A broad introduction to the concepts, methodology and major content areas of psychology in order to provide the student with a scientific basis for understanding human behavior.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 125 ADOLESCENT PSYCHOLOGY

A comprehensive survey of adolescent behavior in its intellectual, emotional, and social aspects. Techniques for enhancing the adolescent's potential for growth and productivity are given special consideration.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 150 GROUP DYNAMICS AND COMMUNICATION

A theoretical introduction to small group processes, with an emphasis on the relationship between groups and the individual, and the communication process. Students participate in small group exercises as part of the course requirements.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 180 PSYCHOLOGY OF WOMEN

Examination of the biological, social and cultural influence on the psychological development of women. Focus on the vital issues which modern women face daily in a rapidly changing world.

3 hours a week, 1 semester, 3 credits. Spring

PSY 185 INDUSTRIAL PSYCHOLOGY

Application of psychology to business and industry in the area of personnel selection, training and evaluation, job satisfaction, motivation, communication, and man-machine interface.

3 hours a week, 1 semester, 3 credits. Fall

PSY 230 ADULT DEVELOPMENT AND AGING

Focus on human development from early adulthood through middle age, aging, and death. Emphasis on the growth of the individual in relation to contemporary society, with theoretical viewpoints and empirical results from individual, social, and developmental psychology.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 251 SOCIAL PSYCHOLOGY

An analysis of the processes of social interaction and their effects upon the behavior and attitudes of individuals and groups.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 261 PSYCHOLOGY OF PERSONALITY

A survey of the major contemporary theories of personality and the important applications associated with each theoretical approach.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 271 ABNORMAL PSYCHOLOGY

An examination of the diagnostic classifications of abnormalcy with an emphasis on causation and treatment.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 300 PSYCHOLOGICAL TESTING

An introduction to psychological measurement including the history of mental testing; the statistical concepts of test construction; and a survey of tests of intelligence, aptitude, achievement, personality, and tests for special populations. Students will administer practice tests and participate in demonstrations of the major types of assessment technques.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 325 INTRODUCTION TO BEHAVIOR MODIFICATION

Introduction to the methods and theory of behavior modification and its application to specific behavior problems.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 350 HUMAN SEXUALITY

Examination of the biological, behavioral, and cultural aspects of human sexuality with emphasis on current research.

Prerequisite: PSY 100

Students may not take CH 407: Human Sexuality in Health and Disease

3 hours a week, 1 semester, 3 credits, Fall

PSY 360 COUNSELING PSYCHOLOGY

An examination of the origins and characteristics of the counseling relationship, including an analysis of the major contemporary theories and techniques of counseling.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 370 INTRODUCTION TO CLINICAL PSYCHOLOGY

An introduction to the principles and techniques of clinical interviewing, evaluation, referral, and the planning of treatment. Field placements will provide students with an opportunity to observe the various institutional settings in which clinical psychologists work, and the variety of psychological services offered there.

Prerequisite: PSY 271 and permission of the instructor.

2 hours lecture, 3 hours placement a week, 3 credits. Additional conferences will be scheduled on a regular basis for supervision of the placement experience. Spring 1989

PSY 391 INTRODUCTION TO EXPERIMENTAL METHODOLOGY

Theory and technique in the experimental study of behavior, including laboratory experiments and formal written reports.

Prerequisites: PSY 100 and PSY 290

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits. Spring Lab fee—$20

Seminar

HR 400 SEMINAR IN HUMAN RELATIONS

The approach stresses the interdisciplinary approach of the major. Selected topics will be investigated from a human relations perspective. Major emphasis will be placed on an intensive individual research project.

(Restricted to Seniors; or by Departmental Approval)

3 hours a week, 1 semester, 3 credits. Fall and Spring

MATHEMATICS

David Seppala-Holtzman, D.Phil., *Chairperson*

To develop a more mature appreciation of the significance of mathematics and its impact on today's world, each student is required to take one semester of mathematics chosen from a set of courses designed to appeal to a variety of interests. An additional mathematics course may be offered to fulfill the core requirement under the core division of "Natural Sciences and Mathematics." Students may, with departmental guidance, offer other mathematics courses to fulfill the core.

Core Courses: All mathematics and computer science courses except for COM 140 may be offered for the core requirement.

Every student must take at least one non-computer mathematics course.

Joint Area of Concentration in Mathematics and Computer Science for Child Study Majors: 20 credits with a minimum of 11 credits in mathematics. A minimum grade of C must be earned in each course.

Required Courses:

MAT 205	4 credits
MAT 206	4 credits
COM 140	3 credits
COM 150 or COM 152	3 credits

Elective courses: MAT 113, MAT 203, MAT 246, MAT 356, COM 152, COM 154, COM 247.

Career Readiness Track in Mathematics: See page 178.

MAT 105 FUNDAMENTALS OF MATHEMATICS IN TODAY'S WORLD

Symbolic language, study of patterns, introduction to probability and descriptive statistics, study of numbers. Designed for Child Study majors and liberal arts students of varying mathematical background.

3 hours a week, 1 semester, 3 credits. Fall, Summer

MAT 108 FINITE (DISCRETE) MATHEMATICS

Arithmetic and geometric progressions, the mathematics of finance, probability, matrix algebra and linear programming.

3 hours a week, 1 semester, 3 credits. Spring

MAT 111 COLLEGE ALGEBRA

Properties of numbers and expressions; linear and quadratic equations; systems of equations; exponents and logarithms; functions; linear, quadratic, polynominal, exponential and logarithmic.

Not open to students who have completed MAT 113.

3 hours a week, 1 semester, 3 credits. Fall

MAT 113 ELEMENTARY FUNCTIONS: PRECALCULUS

Sets and relations; algebra of functions; polynomial, rational, exponential, functions and their graphs; roots and graphs of equations; asymptotes and limits; area functions. Designed for those who intend to go on to a calculus course.

Not open to studens who have completed MAT 111.

Prerequisite: 11th year mathematics or equivalent.

3 hours a week, 1 semester, 3 credits. Spring

MAT 200 MATHEMATICS FOR BUSINESS AND ECONOMICS

This course includes the study of vectors and matrices, linear programming and the simplex method. Basic business applications of precalculus mathematics will be considered.

Prerequisite: MAT 111 or equivalent. Not open to students who have completed MAT 205.

3 hours a week, 1 semester, 3 credits. Fall, Spring

MAT 201 APPLIED CALCULUS FOR BUSINESS AND ECONOMICS

This course will include differentiation through the second derivative with applications, definite and indefinite integrals with business applications

Prerequisite: MAT 200. Not open to students who have completed MAT 205.

3 hours a week, 1 semester, 3 credits. Fall, Spring

MAT 203 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE

This course provides an intensive introduction to the mathematical and conceptual foundations for computer science. Emphasis will be on algorithmic problem solving and discrete mathematics concepts including: sets, relations, functions, counting principles and combinatorics, mathematical induction, graphs and trees, Boolean algebra and computer logic, recursion, computability, finite state automata and formal languages. Fundamental algorithms for sorting, searching and tree traversal will be introduced. In addition to the emphasis on mathematics as a problem solving tool, this course also provides the theoretical background needed for further computer science courses and the development of actual software systems.

Parerequisite: MAT 113 or equivalent

4 hours a week, 1 semester, 4 credits. Fall 1988, 1990

MAT 205 CALCULUS AND ANALYTIC GEOMETRY I

Limits, continuity, differentiation, elementary integration, and other topics.

Prerequisite: MAT 113 or equivalent.

4 hours a week, 1 semester, 4 credits. Fall

MAT 206 CALCULUS AND ANALYTIC GEOMETRY II

Techniques and applications of integration as well as the transcendental functions: the logarithmic, the exponential and the trigonometric functions and other topics.

Prerequisite: MAT 205.

4 hours a week, 1 semester, 4 credits. Spring

MAT 246 PROBABILITY AND STATISTICS

Sample spaces, permutations, combinations, probability, random variables, expected value, and probability distributions are amongst the topics discussed.

Prerequisite: MAT 206 or MAT 201.

3 hours a week, 1 semester, 3 credits. Not offered 1988

MAT 356 LINEAR ALGEBRA

Vectors and vector spaces, matrices and their algebra, systems of linear equations, linear transformations in a vector space.

Prerequisite: MAT 206 or MAT 201.

3 hours a week, 1 semester, 3 credits. Fall 1989, 1991

Computer-Science Courses

Certificate in Data and Information Processing

For a description of the program leading to this certificate, see page 166.

A $20 laboratory fee will be charged in all computer-related courses.

COM 140 MICROCOMPUTER APPLICATIONS

(formerly BUS 284/COM 284 - *Microprocessor Applications)*

This course is designed as an introductory course to provide students with the necessary background and understanding for the effective use of microcomputers. The primary emphasis will be on the major applications of microcomputers: word processing, relational databases, spreadsheets. The course will include "hands-on" experience with common applications software. No previous computer related experience is necessary.

There are no prerequisites.

Note: Business majors cannot take this course as part of the Major. Students may not offer this course toward the fulfillment of the Math core.

3 hours a week, 1 semester, 3 credits. Fall, Spring

COM 150 INTRODUCTION TO COMPUTERS

This course offers a basic introduction to computer hardware and software. Elementary programming techniques will be taught using BASIC. Emphasis will be on problem solving using the computer.

There are no prerequisites.

3 hours a week, 1 semester, 3 credits. Fall, Spring

COM 152 COMPUTER PROGRAMMING

Primarily for students who need a working knowledge of computer methods and programming. Included are fundamental programming concepts such as decisions, loops, subscripted variables and subroutines; general data processing methods such as searching, updating and sorting; computer organization and concepts; introduction to higher level programming languages; numerical methods, problems for solution on a computer system.

Prerequisite: COM 150 or with permission of the departmental representative.

3 hours a week, 1 semester, 3 credits. Spring

COM 154 APPLICATIONS OF THE COMPUTER

This course is intended for natural and social science majors. The course will cover applications of the computer such as analysis of statistical data, forecasting, modeling and simulations. The use of software packages such as SPSS will be taught.

Prerequisite: COM 150 or with permission of the departmental representative.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

COM 247 COMPUTER SCIENCE

For students from all disciplines. Topics include computer organization, information representation in digital computers, data structures such as trees, lists and stacks, algorithm analysis, programming language and software systems, basic knowledge of computer hardware, management information processing, database concepts, computer technology and society.

Prerequisite: COM 152.

3 hours a week, 1 semester, 3 credits. Fall 1989

COM 249 ASSEMBLY LANGUAGE

This course is designed for the student who wishes to study the relationships between microprocessors, the computer's architecture, and machine and higher level languages. Most concepts will be illustrated using the IBM P.C. assembly language.

Prerequisites: at least one high level language (e.g. BASIC, COBOL, FORTRAN).

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

COM 286 BUSINESS PROGRAMMING I
(BUS 286)

This course will deal with business applications of the computer such as financial reporting, inventory analysis, modeling and forecasting. COBOL will be used with emphasis on file construction and data retrieval.

Prerequisite: Any introductory computer course

3 hours a week, 1 semester, 3 credits. Fall

COM 287 BUSINESS PROGRAMMING II
(BUS 287)

This course is intended as a follow up to COM 286 (Business Programming I). Various techniques in structured COBOL programming will be considered.

Prerequisite: COM 286.

3 hours a week, 1 semester, 3 credits. Spring

COM 288 BUSINESS SYSTEMS AND DESIGN
(BUS 288)

The design and development of information systems for a business environment. Topics will include analysis of information flow, design of business systems, specifications, equipment selection, and file organization. Detailed steps for each phase of the design will be related to business applications on a full scale computer system.

Prerequisite: Any introductory computer course

3 hours a week, 1 semester, 3 credits. Fall, Spring

MODERN LANGUAGES

Robert Radus, Ph.D., *Chairperson*

The Modern Languages Department aims to develop in students proficiency in understanding, speaking, reading, and writing in the foreign language, an interest in and enjoyment of literary classics, and an appreciation of the culture of the foreign country.

FRENCH

Core Courses: French 151 and 231

FRE 151 ELEMENTARY

Fundamentals of grammar and pronunciation for beginners; intensive exercises in structure, conversation, and translation.

3 hours a week, 1 semester, 3 credits. Fall

FRE 231 FRENCH CIVILIZATION

An introduction to the civilization and the culture of the French people, their geography, history, and institutions; French architecture, painting, sculpture, music, films, cooking, and wine; outside readings and research.

Conducted in English and open to the entire student body without language prerequisites.

3 hours a week, 1 semester, 3 credits. Spring

FRE 241 WORKSHOP IN CLASSICAL FRENCH COMEDY: MOLIÈRE

See Drama Workshops in Translation.

FRE 253 WORKSHOP IN THE THEATRE OF THE ABSURD

See Drama Workshops in Translation.

FRE 254 WORKSHOP IN TWENTIETH CENTURY FRENCH DRAMA

See Drama Workshops in Translation.

ITALIAN

Core Courses: Italian 151 and 152

ITL 151 ELEMENTARY I

Basic grammar. Exercises in pronunciation, intonation, and aural comprehension. Dialogues.

3 hours a week, 1 semester, 3 credits. Fall

ITL 152 ELEMENTARY II

Continuation of Italian 151. Selected readings. Open to students who have completed Italian 151 or its equivalent.

3 hours a week, 1 semester, 3 credits. Spring

ITL 241 WORKSHOP IN THE THEATRE OF THE MIND: PIRANDELLO

See Drama Workshops in Translation

SPANISH

Core Courses: Spanish 153, 231, 232. Other courses may be offered for the core if the student has fulfilled the prerequisites.

SPN 153 BASIC SPANISH FOR COMMUNICATION I

A basic course designed to give the beginning student of Spanish a useful, working knowledge of the language through listening and speaking practice.

3 hours a week, 1 semester, 3 credits. Fall

SPN 154 BASIC SPANISH FOR COMMUNICATION II

Continuation of Spanish 153.

Prerequisite: Spanish 153 or its equivalent.

3 hours a week, 1 semester, 3 credits. Spring

SPN 201 INTERMEDIATE

Grammar review; vocabulary building; idioms. Composition exercises based on selected Spanish and Spanish American readings.

Open to students who have completed Spanish 154 or two years of high school Spanish.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

SPN 202 INTERMEDIATE

Continuation of Spanish 201. Special emphasis given to verb difficulties.

Open to students who have completed Spanish 201 or its equivalent.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

SPN 208 INTENSIVE CONVERSATION

Intended to increase verbal fluency and understanding of spoken Spanish, this course will serve primarily those students interested in careers in business, social work, law, education, and the health professions.

Open to students who have completed Spanish 154 or its equivalent.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

SPN 210 FIELD EXPERIENCE IN THE SPANISH LANGUAGE

An opportunity for students to improve further their verbal fluency and understanding of spoken Spanish. This course includes two hours per week field experience at an approved location off campus and one hour per week in class.

Open to students who have completed Spanish 208.

3 hours a week (2 hours field work, 1 hour classroom), 1 semester, 3 credits. Not offered 1988-89

SPN 211 SPANISH READINGS I

Readings and discussions based on literary texts of Spain. Review of advanced grammar constructions and conversation.

Open to students who have completed Spanish 201 or three years of high school Spanish.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

SPN 212 SPANISH READINGS II

Readings and discussions based on Spanish-American literary texts. Review of advanced grammar constructions and conversation.

Open to students who have completed Spanish 201 or three years of high school Spanish.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

SPN 231 SPANISH CIVILIZATION

A study of the physical environment of Spain: the Spanish race; institutions of old and modern Spain; architecture, music and painting. Conducted in English.

3 hours a week, 1 semester, 3 credits. Fall

SPN 232 LATIN AMERICA: CULTURE AND CIVILIZATION

A study of the evolution of the most significant cultural aspects of Latin America from its origin to present day. Special focus on its basic ethnic, cultural and socio-economic background to provide students with a better understanding of the principal Latin American groups in the United States. Conducted in English.

3 hours a week, 1 semester, 3 credits. Spring

SPN 241 WORKSHOP IN CONTEMPORARY SPANISH TRAGEDY: FEDERICO GARCÍA LORCA

See Drama Workshops in Translation.

DRAMA WORKSHOPS IN TRANSLATION

Conducted in English and open to the entire student body without language prerequisites.

FRE 241 WORKSHOP IN CLASSICAL FRENCH COMEDY: MOLIÈRE

Conducted in English; plays of Molière (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

ITL 241 WORKSHOP IN THE THEATRE OF THE MIND: PIRANDELLO

Conducted in English; plays of Pirandello (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

SPN 241 WORKSHOP IN CONTEMPORARY SPANISH TRAGEDY: FEDERICO GARCÍA LORCA

Conducted in English; plays of Garcia Lorca (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

FRE 253 WORKSHOP IN THE THEATRE OF THE ABSURD

Conducted in English; plays of Beckett and Ionesco (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

FRE 254 WORKSHOP IN TWENTIETH CENTURY FRENCH DRAMA

Conducted in English; plays of the modern French theatre from Claudel to Sartre (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

PHILOSOPHY

Stanley A. Nevins, Ph.D., *Chairperson*

The courses in philosophy present philosophy to the student as a personal activity of free inquiry, critical thinking, and value judgment concerning major areas of human interest. They also serve to advance an appreciation of philosophy as a key discipline of the mind which relates with and integrates other disciplines of the core curriculum.

We shall not cease from exploration.
T. S. Eliot

Core Courses: Philosophy 123, 124, 125, 150, 154, 160.

PHI 123 THE ART OF THINKING

This course offers an understanding of the intellectual context in which critical thinking takes place, an awareness of the problems that impede sound thinking, and a strategy for dealing with issues.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PHI 124 INVITATION TO PHILOSOPHY

An introduction to the nature of philosophy, its terminology and its problems.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PHI 125 PHILOSOPHY OF THE PERSON

A study of human nature. A consideration of person as a being in the world manifesting this nature through knowledge and choice.

3 hours a week, 1 semester, 3 credits. Spring 1989

PHI 126 THE PHILOSOPHY OF PLAY

Among other things, this course will examine the following themes: Play and human nature, Play and the environment, Play as an activity and Play as an attitude, Play as a mode of knowing, loving and being, Play and creativity.

3 hours a week, 1 semester, 3 credits. Spring 1989

PHI 127 EXISTENTIALISM

An introduction to the philosophy of existentialism through the study of Kierkegaard, Nietzsche, Heidegger, Sartre and Marcel.

3 hours a week, 1 semester, 3 credits. Fall 1988

PHI 150 GREAT PHILOSOPHERS

A study of the fundamental ideas of central figures in philosophy from Plato to Kant. Directed readings and discussions in Plato, Aristotle, Aquinas, Descartes, Hume and Kant.

3 hours a week, 1 semester, 3 credits. Fall 1988

PHI 154 SOURCES OF GREAT WESTERN IDEAS

A study of the classical origins of Western philosophy in Greece and Rome with special emphasis on its relevance for modern times.

Course may be credited to Philosophy or to the Classics.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PHI 160 INTRODUCTION TO ETHICS

The nature of moral problems; the language of ethics; ethical reasoning and justification; absolutism and relativism; theories of the good life; the history of ethical thinking.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PHI 167 PROFESSIONAL ETHICS

An analysis of ethical decisions followed by applications to the medical, legal, and teaching professions using the case study method. Students may confine their research to the particular profession for which they are preparing.

3 hours a week, 1 semester, 3 credits. Fall 1989

PHI 236 PHILOSOPHY, PSYCHOLOGY AND PSYCHOANALYSIS

Comparative study of the metapsychology of Freudianism, Behaviorism and Humanistic Psychology with a view to exploring their philosophical underpinnings.

Prerequisite: Philosophy 124 or departmental approval.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

PHI 268 ETHICS AND BUSINESS

This course will examine the relation between ethical theory and business decisions, practices, and policies. The meaning of ethics will be discussed, and differences between morally right and other criteria of right action will be explored. Theory analysis and case studies will enable the student to make informed and intelligent value judgments concerning such issues as truth in advertising, affirmative action, profit motive, pollution, rights and responsibilities of workers.

Prerequisite: PHI 160.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PHYSICAL EDUCATION

The Physical Education courses are designed to effect the student's development in skills including coordination, accuracy, alertness, strength and endurance. The program attempts to focus on the beneficial use of leisure time through fostering the qualities of sportsmanship, cooperation, courtesy, leadership and fellowship in a variety of lifetime sports appropriate for Long Island residents. Other team sports are available within the non-academic program.

PE 101 SELF-DEFENSE AND PHYSICAL FITNESS

Karate and other fundamental skills and their use to promote physical fitness and to sharpen one's mental ability and to reduce tension. Oriental etiquette will be taught and observed.

2 hours a week, 1 semester, 1 credit. Fall

PE 105 TENNIS—BADMINTON

Fundamental skills and their use in tennis and badminton.

2 hours a week, 1 semester, 1 credit. Fall and Spring

PE 108 SWIMMING

Fundamental skills on all levels of swimming—Beginning, intermediate and advanced.

2 hours a week, 1 semester, 1 credit. Fall Fee—$50

PE 109 TEAM SPORTS: BASKETBALL AND SOFTBALL

Fundamental skills in each sport will be taught. Further emphasis will be placed on gaining playing experience in a competitive situation.

2 hours a week, 1 semester, 1 credit. Fall

PE 110 TEAM SPORTS: SOCCER AND VOLLEYBALL

Fundamental skills in each sport will be taught. Knowledge of strategies to be employed in competitive situations will be gained through actual playing experience.

2 hours a week, 1 semester, 1 credit. Fall

PE 114 WEIGHT TRAINING

Beginning course in weight training and conditioning. Nutrition, diet and carry overeffects of this course will be discovered through actual participation.

2 hours a week, 1 semester, 1 credit. Fall

PE 118 GOLF

Introductory course—proper use of golf clubs and experience on the golf course.

2 hours a week, 1 semester, 1 credit. Spring Fee—$25

PE 119 HORSEBACK RIDING

Fundamental skills and their use in horseback riding.

2 hours a week, 1 semester, 1 credit. Fall and Spring Fee—$150

PE 121 SAILING

Theory of sailing covers knowledge of equipment, rigging, knots, weather, rules of the water, sailing strategy, etc. Practical experience will be taught with the actual rigging and sailing of 15 foot sailboat.

2 hours a week, 1 semester, 1 credit.

Not offered 1988-89 Fee—$100

PE 208 ADVANCED LIFESAVING

Red Cross guidelines, lectures, demonstrations and skill practice.

2 hours a week, 1 semester, 1 credit. Spring Fee—$75

PE 219 ADVANCED HORSEBACK RIDING

Advanced skills

Prerequisite: PE 119

2 hours a week, 1 semester, 1 credit. Fall and Spring Fee—$150

Members of the Women's or Men's Varsity may earn one credit for one season, in accordance with the policy that "students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Men's/Women's Varsity Athletics." Consult Director of Athletics.



PHYSICAL SCIENCES

S. Mary L. Maier, Ph.D., *Chairperson*

The introductory courses in the physical sciences are designed to give the student a basic understanding of the nature of matter and the physical universe and of the impact of the physical sciences on society. The advanced courses offer the training needed by those who will be professionally concerned with scientific matters in the future in industry, research, medicine, or teaching.

CHEMISTRY

Core Courses: Laboratory science requirement: Chemistry 120, 130, 150, 170, Science 135, 150, Earth Science 110, 120, 130

CHE 120 CHEMISTRY AND SOCIETY

This course combines the basic principles of chemistry with an examination of the role of chemistry in contemporary life. The non-science major will understand applications of the theories of chemistry to modern world conditions such as water and air pollution, use of drugs, food preservation, and agriculture technology.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Fall, Spring Lab fee—$20

CHE 130 AN INTRODUCTION TO CHEMICAL SCIENCE

A basic chemistry course for the non-science and health-science major, directed to an understanding of the principles of chemical theory. The investigation of matter as it is measured, taken apart, and put back together by chemists.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Fall Lab fee—$20

CHE 150 GENERAL CHEMISTRY I

An intensive study of the laws and concepts of chemistry; atomic and molecular structure and properties, stoichiometry, thermochemistry, properties of gases, liquids, solids and solutions. Emphasis on quantitative measurements in the laboratory.

Prerequisite: Departmental approval

4 hours lecture, 3 hours laboratory a week, 1 semester, 5 credits.
Fall Lab fee—$30

CHE 151 GENERAL CHEMISTRY II

A continuation of Chemistry 150. Topics include thermodynamics, rates of reaction, acid-base chemistry, oxidation and reduction, electrochemistry, and nuclear chemistry.

Prerequisite: Chemistry 150 or Departmental approval.

4 hours lecture, 3 hours laboratory a week, 1 semester, 5 credits.
Spring Lab fee—$30

CHE 170 FUNDAMENTALS OF ORGANIC AND BIOCHEMISTRY

An examination of carbon chemistry and those types of organic compounds with functional groups which are important to the study of biochemistry. The structures and metabolism of biomolecules are investigated, and structures and functions of nucleic acids are presented.

Prerequisite: CHE 120, CHE 130, or Departmental approval.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Fall, Spring Lab fee—$20

CHE 250 ORGANIC CHEMISTRY I

Study of the structural theory of organic chemistry relating the physical and chemical properties of representative aliphatic and aromatic compounds to their electronic structures. The laboratory will emphasize preparation, purification, and identification of organic compounds.

Prerequisite: Minimum grade of C in Chemistry 150, 151.

4 hours lecture, 4 hours laboratory a week, 1 semester, 5 credits.
Fall Lab fee—$40

CHE 251 ORGANIC CHEMISTRY II

A continuation of the integrated study of aliphatic and aromatic compounds and an introduction to the chemistry of natural products.

Prerequisite: Chemistry 250

4 hours lecture, 4 hours laboratory a week, 1 semester, 5 credits.
Spring Lab fee—$40

SCI 135 NUTRITION AND PERSONAL HEALTH

A basic nutrition course in which the roles of nutrients, vitamins, minerals, and fiber are considered in the context of personal health. The non-science major will evaluate diets, health foods, 'junk' foods, and calorie expenditures.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Fall, Spring Lab fee—$30
(includes laboratory manual)

SCI 150 INTRODUCTION TO PHYSICAL SCIENCE

An investigation into the physical sciences designed for the non-science major. This course, which provides insights into modern developments in the areas of physics, chemistry, astronomy, and earth science, is especially appropriate for students whose professional goal is education.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.

Fall, Spring, Summer — Lab fee—$30 (includes laboratory manual)

EARTH SCIENCE

ESC 110 INTRODUCTION TO ASTRONOMY

A study of the universe from the super-immense to the subatomic, emphasizing the moon, planets, comets, meteors, asteroids, stars, and galaxies. The origins of the contemporary universe and the possibility of life elsewhere in the universe will also be considered. A constellation study and a planetarium experience will be an integral part of the course.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.

Fall, Spring — Lab fee—$20

ESC 120 INTRODUCTION TO GEOLOGY

A study of the earth with a view to understanding the mysteries of its forests, fields, glacial valleys, rocks, minerals, waterways, and fossils. Laboratory experiences provide opportunities to investigate these secrets of our planet.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.

Fall, Spring — Lab fee—$20

ESC 130 INTRODUCTION TO METEOROLOGY

A study of the natural and man-made factors which affect weather patterns in our planet and in our geographic area. This course offers the opportunity for students to investigate the long range climatic effects of such phenomena as the 'greenhouse effect', volcanic emissions, and depletion of the rain forests of the Amazon. The use of satellites and other modern equipment for weather analysis and prediction will be investigated.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits

Fall, Spring — Lab fee—$20

PHYSICS

Core Courses: Laboratory science requirement: Physics 130, Physics 150.

Non-laboratory requirement: Physics 112

PHY 112 ENERGY

A consideration of the basic concept of energy, its transformation and conservation.

This course is for non-science majors

3 hours lecture, 1 semester, 3 credits. Not offered 1988-89

PHY 130 KEY CONCEPTS IN PHYSICS

An introduction to concepts in physics encountered in everyday life. It is designed for personal growth and career enrichment, especially for elementary school teachers, through lectures, demonstrations and hands-on opportunities stemming from key ideas in mechanics, optics, heat, electricity, magnetism and sound.

This course is for non-science majors

2 hours lecture, 2 hours lab., 1 semester, 3 credits. Not offered 1988-89

Lab fee—$20

PHY 150 GENERAL PHYSICS—MECHANICS, MOLECULAR PHYSICS, HEAT, SOUND

Newton's laws of motion, mechanics and properties of matter, mechanics of rigid bodies, work and energy, fluid in motion, molecular and atomic theory, special properties of matter due to molecular forms, elasticity, temperature, quantity of heat, work and heat, transfer of heat; wave motion and sound.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.
Fall Lab fee—$30

PHY 151 GENERAL PHYSICS—MAGNETISM, ELECTRICITY, OPTICS, ATOMIC PHYSICS

Magnetism, electrostatics, electric circuits, electromagnetism; conduction through gases, radioactivity; nature of light, propagation, photometry, reflection, refraction, lenses, optical instruments, interference, diffraction, polarization.

Prerequisite: Physics 150

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.
Spring Lab fee—$30

PSYCHOLOGY

S. Rosamond O'Keefe, M.S., *Chairperson*

The psychology major is designed for those students who need a solid preparation for graduate study in psychology. The departmental offerings are also suitable for those students who intend to engage in any of the professions in which knowledge of psychological principles is fundamental. Many courses are relevant for those students who are interested in enriching their understanding of human behavior.

Core Courses: Psychology 100. Other core courses may be selected with departmental guidance.

Major (33 credits) The following courses are required to complete the major: Psychology 100, 290, 380, 391, 460. Elective courses in Psychology should be selected from a variety of areas with departmental advisement.

Biology is the preferred science for Psychology majors. Students who are preparing for graduate study in psychology are advised to choose courses in a foreign language and in computer programming.

Area of Concentration for Child Study Majors: (21 credits) It is recommended that Psychology 100 be completed during the freshman year. Concentrates who plan to go to graduate school for psychology are advised to take all required courses listed above with the exception of Psychology 460

Certificate in Gerontology

For a description of the program leading to this certificate, see page 167.

PSY 100 INTRODUCTION TO PSYCHOLOGY

A broad introduction to the methodology, concepts, and major content areas of psychology in order to provide the student with a scientific basis for understanding human behavior.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 120 CHILD PSYCHOLOGY

See Child Study 101.

PSY 125 ADOLESCENT PSYCHOLOGY

A comprehensive survey of adolescent behavior in its intellectual, emotional, and social aspects. Techniques for enhancing the adolescent's potential for growth and productivity are given special consideration.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 150 GROUP DYNAMICS AND COMMUNICATION

A theoretical introduction to small group processes, with an emphasis on the relationship between groups and the individual, and the communication process. Students participate in small group exercises as part of the course requirements.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 170 EDUCATIONAL PSYCHOLOGY

See Education 115.

PSY 180 PSYCHOLOGY OF WOMEN

Examination of the biological, social and cultural influence on the psychological development of women. Focus on the vital issues which modern women face daily in a rapidly changing world.

3 hours a week, 1 semester, 3 credits. Spring

PSY 185 INDUSTRIAL PSYCHOLOGY

Application of psychology to business and industry in the area of personnel selection, training and evaluation, job satisfaction, motivation, communication, and man-machine interface.

3 hours a week, 1 semester, 3 credits. Fall

PSY 230 ADULT DEVELOPMENT AND AGING

Focus on human development from early adulthood through middle age, aging, and death. Emphasis is on the growth of the individual in relation to contemporary society, with theoretical viewpoints and empirical results from individual, social, and developmental psychology.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 251 SOCIAL PSYCHOLOGY

An analysis of the processes of social interaction and their effects upon the behavior and attitudes of individuals and groups.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 261 PSYCHOLOGY OF PERSONALITY

A survey of the major contemporary theories of personality and the important applications associated with each theoretical approach.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 271 ABNORMAL PSYCHOLOGY

An examination of the diagnostic classifications of abnormalcy with an emphasis on causation and treatment.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 290 INTRODUCTION TO STATISTICS

The basics of statistical analysis needed for conducting research and for understanding experimental literature in the behavioral sciences.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 300 PSYCHOLOGICAL TESTING

An introduction to psychological measurement including the history of mental testing; the statistical concepts of test construction; and a survey of tests of intelligence, aptitude, achievement, personality, and tests for special populations. Students will administer practice tests and participate in demonstrations of the major types of assessment techniques.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 321 PSYCHOLOGY OF LEARNING

An examination of the major theories of learning, and the study of human and animal research in classical and operant conditioning, observational learning, verbal learning, and cognitive processing.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 325 INTRODUCTION TO BEHAVIOR MODIFICATION

Introduction to the methods and theory of behavior modification and its application to specific behavior problems.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 340 HISTORY AND SYSTEMS OF PSYCHOLOGY

Traces the development of psychology from its roots in philosophy to the evolution of psychology as a science over the last one hundred years.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 350 HUMAN SEXUALITY

Examination of the biological, behavioral, and cultural aspects of human sexuality with emphasis on current research.

Prerequisite: PSY 100

Students may not take CH 407: Human Sexuality in Health and Disease

3 hours a week, 1 semester, 3 credits, Fall

PSY 360 COUNSELING PSYCHOLOGY

An examination of the origins and characteristics of the counseling relationship, including an analysis of the major contemporary theories and techniques of counseling.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 370 INTRODUCTION TO CLINICAL PSYCHOLOGY

An introduction to the principles and techniques of clinical interviewing, evaluation, referral, and the planning of treatment. Field placements will provide students with an opportunity to observe the various institutional settings in which clinical psychologists work and the variety of psychological services offered there.

Prerequisite: PSY 271 and permission of the instructor

2 hours lecture, 3 hours placement a week, 3 credits. Additional conferences will be scheduled on a regular basis for supervision of the placement experience. Spring 1989

PSY 380 PHYSIOLOGICAL PSYCHOLOGY

Survey of the physiological bases of behavior including sensation, movement, motivation, emotion, sleep, attention and learning.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 391 INTRODUCTION TO EXPERIMENTAL METHODOLOGY

Theory and technique in the experimental study of behavior, including laboratory experiments and formal written reports.

Prerequisite: PSY 100 and PSY 290

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits. Spring Lab fee—$20

PSY 460 SENIOR RESEARCH SEMINAR

The senior psychology major will select a specific topic of interest in the field of psychology for critical and intensive investigation. The student will be required to review the psychological literature on the chosen topic, generate an original research question, and plan a method of research and an appropriate statistical analysis to further investigate the problem

Prerequisite: A substantial background in psychology, including PSY 100, PSY 290, and PSY 391

3 hours a week, 1 semester, 3 credits, Fall.

PSY 465 ADVANCED RESEARCH SEMINAR

Execution of the research proposal designed in PSY 460. This will include a collection of data, in-depth statistical analysis of results utilizing the computer, interpretation of the results and the completed research report.

Prerequisite: A minimum grade of B+ in Psychology 460 and permission of the department.

3 hours a week, 1 semester, 3 credits, Spring.



RECREATION

Gail C. Lamberta, M.A., *Departmental Representative*

The major in Recreation, leading to the Bachelor of Science Degree, has been developed to meet the need for administrators in the field of Recreation.

This program aims to provide the philosophy, psychology, sociology, and professional enrichment necessary to supplement recreation skills. The student may choose to emphasize community recreation or therapeutic recreation.

Certification is available as a Therapeutic Recreation Specialist from the National Council for Therapeutic Recreation Certification to those students who major in Recreation with the concentration in Therapeutic Recreation. Interested students should seek advisement concerning specific eligibility requirements.

Any student who enrolls in a practicum course which will involve any physical contact with a child or a patient, especially the handicapped, must provide evidence that he or she has acquired malpractice insurance.

If any student is unable or unwilling to acquire such insurance, that student must sign a waiver, holding harmless both St. Joseph's College and the agency, school, or hospital in which the practicum is conducted.

If the student refuses to sign the waiver, then he or she is not to be admitted to the practicum.

Major:

Thirty-two credits in Recreation, with departmental index of C. For those students selecting the internship option 38 credits in Recreation are required. A maximum of 10 credits may be transferred from a lower division level.

Required Courses for Therapeutic Recreation Majors

		Credits
BIO 112	Biological Control Systems	3
PSY 150	Group Dynamics & Communication	3
REC 150	Foundations of Leisure Services	3
REC 160	Program Development	3
REC 252	Recreation Administration I	3
REC 253	Recreation for Special Populations	3
REC 277	Introduction to Therapeutic Recreation	3

In order to complete the degree, two field work courses or 2 internship courses must be selected from the following:

REC 483	Therapeutic Fieldwork I	4
REC 485	Therapeutic Fieldwork II	4
REC 488	Internship in Therapeutic Recreation	14

The remaining credits will be completed from the following course offerings:

Recreation 171	Community Recreation	3
Recreation 172	Communication for Recreation Professionals	3
Recreation 261	Equipment and Facilities	3
Recreation 276	Gerontology	3
Recreation 278	Leisure Counseling	3
Recreation 279	Recreation in Psychiatric Settings	3
Recreation 280	Recreation for the Physically Disabled	3
Recreation 281	Skills in Recreation	3
Recreation 282	Recreation for the Developmentally Disabled	3
Recreation 283	Current Issues in Recreation	3
Recreation 352	Recreation Administration II	3

Suggested Courses:

Music 226	Music Therapy
Child Study 121	The Psychology of the Exceptional Child
Sociology 136	Social Problems
Sociology 149	Ethnic Studies
Psychology 230	Adult Development—Aging
Psychology 271	Abnormal Psychology
Dance 101	Technique and Sources of Modern Dance
Philosophy 126	Philosophy of Play
Rel. St. 145	Theology of Death and Dying

Required Courses for Community Recreation Majors

Psychology 150	Group Dynamics and Communication	3
Recreation 150	Foundations of Leisure Services	3
Recreation 160	Program Development	3
Recreation 171	Community Recreation	3
Recreation 252	Recreation Administration I	3
Recreation 253	Recreation for Special Populations	3
Recreation 482	Community Fieldwork I	4
Recreation 484	Community Fieldwork II	4
		23

The remaining credits will be completed from the following course offerings:

Recreation 172	Communication for Recreation Professionals	3
Recreation 261	Equipment and Facilities	3
Recreation 276	Gerontology	3
Recreation 278	Leisure Counseling	3
Recreation 279	Recreation in Psychiatric Settings	3
Recreation 280	Recreation for the Physically Disabled	3
Recreation 281	Skills in Recreation	3
Recreation 282	Recreation for the Developmentally Disabled	3
Recreation 283	Current Issues in Recreation	3
Recreation 352	Recreation Administration II	3

Suggested Courses:

Sociology 136	Social Problems
Sociology 149	Ethnic Studies
Sociology 245	Urban Society
Dance 101	Technique and Sources of Modern Dance
Philosophy 126	Philosophy of Play
Business 100	Process of Management

Certificate of Gerontology

For a description of the program leading to this certificate, see page 167.

REC 150 FOUNDATIONS OF LEISURE SERVICES

This course is designed to allow the student to become aware of basic concepts of leisure. It stresses an understanding of philosophies, history and social factors that have had a significant effect on leisure services today.

The course is designed to afford the student the opportunity to view the existing leisure services and understand the rationale behind their approach in implementing effective leisure resources.

3 hours a week, 1 semester, 3 credits. Fall and Spring

REC 160 PROGRAM PLANNING AND LEADERSHIP

An investigation into the guidelines for program development in various settings as well as developing an understanding of group dynamics and leadership skills as they relate to the delivery of recreation service.

Corequisite: Recreation 150 or permission of instructor

3 hours a week, 1 semester, 3 credits. Fall and Spring

REC 171 COMMUNITY RECREATION

This course is designed to develop an understanding of public recreation services and agencies and their relationships to other agencies in the community providing recreation and leisure services. It will also analyze the various roles that schools, villages, towns, and counties, as well as the state and federal government, play in recreation services.

Prerequisite: Recreation 150 or permission of instructor

3 hours a week, 1 semester, 3 credits. Fall

REC 252 RECREATION ADMINISTRATION I

An introduction to the organizational policies and practices currently found in various recreational agencies and organizations at federal, state, and local levels. Consideration given to managerial problems and possible solutions.

Prerequisites: Recreation 150, 160

3 hours a week, 1 semester, 3 credits. Fall

REC 253 RECREATION FOR SPECIAL POPULATIONS

An overview of recreational services as they apply to specific social groups: emotionally ill, mentally retarded, handicapped, delinquent, aging. Course work will include the study of medical terminology.

Prerequisites: Recreation 150, 160 or permission of Instructor.

3 hours a week, 1 semester, 3 credits. Fall

REC 261 EQUIPMENT AND FACILITIES

A study of the recreation facility through stages of development, from planning and design to management and operation. Included will be a philosophy of current recreational maintenance procedures, and their application to facilitate operations. Special emphasis will be given on structuring of bids, specifications, programs, funding methods, and procedures directly related to management of a recreation facility.

Prerequisite: Recreation 252 or permission of Instructor.

3 hours a week, 1 semester, 3 credits. Spring

REC 276 GERONTOLOGY

The course will present an overview of the study of gerontology. Among the topics to be covered are cultural attitudes toward the aged, psychological and physiological changes, economic problems, sexual myths, and recreation and community resources available for this population.

3 hours a week, 1 semester, 3 credits. Spring

REC 277 INTRODUCTION TO THERAPEUTIC RECREATION

An introduction to the philosophies, procedures, and practices of therapeutic recreation. Field visits required.

Prerequisites: Recreation 253, 150 or permission of Instructor.

3 hours a week, 1 semester, 3 credits. Spring

REC 278 LEISURE COUNSELING

This course will explore the concept of leisure counseling and its components as well as investigate the guidelines necessary to develop an understanding of basic counseling skills and techniques.

Permission of Instructor required.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

REC 279 RECREATION IN PSYCHIATRIC SETTINGS

This course will focus on therapeutic recreation service within psychiatric settings. It will investigate various mental disorders as well as how to design recreation programs to best meet the needs of this specific population.

Permission of Instructor required.

3 hours a week, 1 semester, 3 credits. Fall 1989

REC 280 RECREATION FOR THE PHYSICALLY DISABLED

A study of the various physical disabilities, including the causes, characteristics, and implications for recreation service. The adaptation and modification of recreation activities for this population will be explored. An overview of available recreation resources for the physically disabled will also be included.

Permission of Instructor required

3 hours a week, 1 semester, 3 credits. Fall 1988, 1990

REC 281 SKILLS IN RECREATION

This course is designed to acquaint students with various skills that can be utilized in the field of recreation.

Permission of Instructor required

3 hours a week, 1 semester, 3 credits. Spring 1989

REC 282 RECREATION FOR THE DEVELOPMENTALLY DISABLED

This course will include an investigation of the developmentally disabled, including the causes, characteristics and implications of this population for recreation service. The adaptation and modification of recreation activities as well as the available recreation resources will also be included.

Permission of Instructor required

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

REC 283 CURRENT ISSUES IN RECREATION

This course is designed to keep students up to date on the everchanging recreation field. Current research will be studied. Students will also have the opportunity to become involved in current community projects.

Permission of Instructor required

3 hours a week, 1 semester, 3 credits. Fall 1988

REC 352 RECREATION ADMINISTRATION II

An introduction to finance, budgeting, funding, and the law as they pertain to recreation.

Prerequisite: Recreation 252 or permission of Instructor.

3 hours a week, 1 semester, 3 credits. Spring

REC 482 COMMUNITY FIELD EXPERIENCE I

Placement in one community recreational facility under qualified supervision. Placement must be arranged by student and approved by Instructor.

Prerequisites: REC 171, REC 252, REC 253 or permission of Instructor.

96 hours a semester, 1 seminar hour per week, 1 semester, 4 credits. Fall, Spring, Summer

REC 483 THERAPEUTIC FIELD EXPERIENCE I

Supervised placement in one therapeutic facility such as a nursing home, developmental center, psychiatric facility, hospital, medical center or town therapeutic recreation department. Placement must be arranged by student and approved by Instructor.

Prerequisites: REC 252, REC 277, REC 253 or permission of Instructor.

96 hours a semester, 1 seminar hour per week, 1 semester, 4 credits. Fall, Spring, Summer

REC 484 COMMUNITY FIELD EXPERIENCE II

Placement in one community recreational facility under qualified supervision. Placement must be arranged by student and approved by Instructor.

Prerequisite: REC 482

96 hours a semester, 1 seminar hour per week, 1 semester, 4 credits. Fall, Spring, Summer

REC 485 THERAPEUTIC FIELD EXPERIENCE II

Placement in one therapeutic recreational facility under qualified supervision. Placement must be arranged by student and approved by Instructor.

Prerequisite: REC 483

96 hours a semester, 1 seminar hour per week, 1 semester, 4 credits. Fall, Spring, Summer

REC 488 INTERNSHIP IN THERAPEUTIC RECREATION

This course is part of the preparation suggested by the National Council for Therapeutic Recreation Certification. The student interns for 360 hours under the supervision of a certified recreation therapist.

Prerequisite: Approval of Instructor

14 credits, Fall and Spring

RELIGIOUS STUDIES

S. Josephine Marie Cavanaugh, S.T.D., *Chairperson*

Courses in Religious Studies offer to students the opportunity to deepen their knowledge of the various religious traditions of peoples. The courses are given to enable the student to appreciate the religious beliefs of all people within the context of their cultural and historical development. Courses have also been designed to provide the opportunity for students to study the current complex issues of society from both a theological and moral viewpoint.

Core Courses: Any course may be offered for the core.

RS 122 HEBREW SCRIPTURES — OLD TESTAMENT

A consideration of the Old Testament teaching on God, creation, the salvation of men and women, Messiah, Kingdom of God, and the desert theme. The prominent personalities of the Old Testament will be studied also.

3 hours a week, 1 semester, 3 credits. Fall 1988, 1989

RS 123 NEW TESTAMENT

A critical study of the origin, literary form, content and historical value of the books of the New Testament. The themes studied in *Religious Studies 122* are traced throughout the New Testament.

3 hours a week, 1 semester, 3 credits. Fall 1989

RS 124 JOURNEY WITH ST. PAUL

A study of Paul's theology of Church. This course will consider the various controversies that arose in the earliest Christian churches. An application will be made to life in the Church today, with attention given to such topics as marriage and divorce, the role of women and men, sacraments, freedom and law.

3 hours a week, 1 semester, 3 credits. Spring 1989

RS 130 FAITH: BELIEVER AND UNBELIEVER

The Christian faith-stance is explicated as a liberating and fulfilling interpretation of contemporary self-understanding. A study of contrasting explanations of the human situation.

3 hours a week, 1 semester, 3 credits. Spring 1989

RS 131 JESUS THE CHRIST

An historical and theological development of the foundational period of the Christian community's understanding of Christ as the risen Lord. The course will then explore the further development of these basic beliefs through the Chalcedonian, Medieval and Modern Periods.

3 hours a week, 1 semester, 3 credits. Spring

RS 134 CHRISTIAN WORSHIP AND SACRAMENTS

An historical and theological study of worship and sacraments within Christianity. The ongoing dialogue within the Christian churches in the area of sacramental theology is examined in depth.

3 hours a week, 1 semester, 3 credits. Fall 1988, 1989

RS 144 WOMEN IN THE JUDEO-CHRISTIAN TRADITION

This course seeks to examine the contributions as well as the contemporary understandings of women in life, theology and ministry. The course will also endeavor to present the contributions of women in the search for God in theology and spirituality.

3 hours a week, 1 semester, 3 credits. Spring 1989

RS 145 THEOLOGY OF DEATH AND DYING

A study of the principal religious considerations related to the subject of death and dying. Psychological and pastoral approaches to this subject are also explored.

3 hours a week, 1 semester, 3 credits. Spring

RS 147 CHRISTIAN MARRIAGE

This course will attempt to establish the scriptural and traditional roots of the Christian understanding of marriage. Topics of contemporary interest are studied.

3 hours a week, 1 semester, 3 credits. Fall

RS 151 CONTEMPORARY APPROACHES TO MORALITY

A survey of the principal trends in moral theology, tracing these trends from their biblical roots to the new insights of modern scholars.

3 hours a week, 1 semester, 3 credits. Fall 1988, 1989

RS 154 ISSUES OF WAR AND PEACE

This course will attempt to examine issues of peace and war from a theological viewpoint. It will endeavor to help students to become more involved with these very complex issues as members of religious communities and citizens of this country.

3 hours a week, 1 semester, 3 credits. Spring 1989

RS 160 FIVE AGES OF THE CHRISTIAN CHURCH

A study of the early, medieval, reformation, modern and post-Vatican II configurations of the Christian Church.

3 hours a week, 1 semester, 3 credits. Fall 1988, 1990

RS 164 AMERICAN PROTESTANTISM

A consideration of the history of the many epochs in American Protestantism; a study of the religious beliefs of the different groups which constitute American Protestantism; a survey of Revival, Evangelism, and Reform Movements which occurred at different points in their history; the social significance of the Protestant Churches in America from their beginnings until today.

3 hours a week, 1 semester, 3 credits. Fall 1989

RS 165 JUDAISM

A study of religion, philosophy, history and way of life of the Jewish people. A special emphasis is given to the concepts of Judaism as they are practiced and understood by contemporary members of the Jewish faith.

3 hours a week, 1 semester, 3 credits. Not offered 1988-89

RS 167 AMERICAN CATHOLICISM

A study of the principal themes, movements, and persons who have shaped the American Catholic experience from the early voyages of exploration until post-Vatican II. Included in this study will be an examination of Church-State relationships.

3 hours a week, 1 semester, 3 credits. Spring

RS 171 CONTEMPORARY MESSAGE OF THE NEW TESTAMENT

A study of the mission of Christ: priest, prophet, king. Through a reflective understanding of self and one's relationship with God, the modern Christian's participation in that mission is examined.

3 hours a week, 1 semester, 3 credits. Spring

RS 173 QUEST FOR GOD

A study of man's prayerful attempts to commune with God as these have developed in both the East and the West. Analysis of the common elements found in the prayer experience as well as the differences from diverse cultures, philosophies and the like.

3 hours a week, 1 semester, 3 credits. Fall 1989

SOCIAL SCIENCES

Lenore M. Kelly, Ph.D., *Chairperson*

The Department of the Social Sciences aims to develop a broad understanding of social, economic, and political problems and to instill in students an interest which may lead to constructive activity in the solution of contemporary problems in these fields.

All courses in the Social Sciences Department are open to the entire student body for election.

Core Courses: POL 102, ECO 120, SOC 100, ANT 151

Having fulfilled the prerequisites, students may, with departmental guidance, offer other courses within the departmental divisions to fulfull the core.

Major: 30 credits with a department index of C. A maximum of 12 credits may be transferred toward the major.

The following basic courses are required of all: ECO 120, POL 102, and SOC 100. Students may complete their requirements by concentrating in one of the component disciplines.

Sociology-Anthropology (24)		*Political Science* (24)		*Economics* (24)	
SOC 101	3	POL 102	3	ECO 120	3
SOC 347	3	POL 103	3	ECO 122	3
SOC 348	3	POL 105	3	ECO 127	3
SOC 350	3	POL 251 or 252	3	ECO 221	3
SOC 381	3	or 253		ECO 223	3
Electives in SOC	9	POL 348	3	ECO 226	3
Strongly recommended		POL 381	3	ECO 228	3
ANT 151		POL Electives	6	ECO 382	3

Instead of a concentration, students also have the option of majoring in the Social Sciences in general by completing the basic required courses and one of the following: ECO 382, POL 381* or SOC 381* (*SOC 348 is prerequisite). The remaining credits may be elected from department offerings.

Area of Concentration for Child Study Majors: (21) Students will elect courses with the guidance of the Child Study Department.

Certificate in Applied Sociology

For a description of the program leading to this certificate, see page 169.

Certificate in Criminology/Criminal Justice

For a description of the program leading to this certificate, see page 166.

ECONOMICS

ECO 120 MACROECONOMICS
(BUS 120)

A description of economic life and problems; the market, pricing of goods and services, business cycle; corporate organization; the banking system; foreign trade; agriculture; labor organization; government expenditures and receipts.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ECO 122 STATISTICS
(BUS 122)

Collection and tabulation of statistical data. Sampling. Probability. Binomial distribution and the use of the normal curve.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ECO 127 COMPARATIVE ECONOMIC SYSTEMS
(BUS 127)

Study of various methods used to solve economic problems. Survey covers various economic systems from the enterprise system as implemented in the United States to the communist variants in the Soviet Union and Communist China.

3 hours a week, 1 semester, 3 credits. Spring

ECO 161 INTERNATIONAL ECONOMIC PROBLEMS

Survey of current problems covering Common Market, international trade and monetary relations, aid to economic development and various international institutions for the promotion of economic cooperation.

3 hours a week, 1 semester, 3 credits. Spring 1990

ECO 178 ECONOMIC GEOGRAPHY

Geographic distribution of the economic activities of production, distribution, and exchange of goods and services. Particular attention is given to the location of economic activity as a function of unequal factor endowment.

3 hours a week, 1 semester, 3 credits. Spring 1990

ECO 221 LABOR ECONOMICS
(BUS 221)

Analysis of the role of labor in the American economy and of factors which contributed to the changing pattern of industrial relations. Great emphasis on present-day collective bargaining. Discussions include references to current labor issues.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Fall

ECO 223 MONEY AND BANKING
(BUS 223)

The role of money and credit in our economic system. Commercial banks and Federal Reserve System. International money relations.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Spring

ECO 226 MICROECONOMICS
(BUS 226)

Marginal analysis of demand and supply, of the individual firm, of perfect and imperfect competition.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Fall and Spring

ECO 228 HISTORY OF ECONOMIC THOUGHT
(BUS 228)

An analysis of major changes in economic thinking; mercantilism, physiocracy, classical school with its Marxist opposition, historical and marginalistic schools, Marshall, institutionalists, Keynes, and present-day trends.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits, Spring 1990

ECO 382 SEMINAR IN ECONOMICS

Seminar student selects jointly with instructor an economic topic to be researched; findings are reported in a formal paper; weekly meetings with instructor.

Prerequisites: at least 12 credits in the social sciences, and approval of the department.

1 semester, 3 credits. Fall

POLITICAL SCIENCE

POL 102 INTRODUCTION TO POLITICAL SCIENCE

A study of the concepts and theory of government. An analysis of the historical and contemporary nature of the state, political power, legal systems, and political ideologies.

3 hours a week, 1 semester, 3 credits. Fall and Spring

POL 103 AMERICAN GOVERNMENT—FEDERAL

A study of the Federal Government of the United States, considering the organization and procedure of the branches of the government; limitations on government powers; the relationship between the Federal Government and the states.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall

POL 104 STATE AND LOCAL GOVERNMENT

A study of government structure, power, and areas of interrelationship of the state and local units, with special emphasis on New York.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Spring

POL 105 COMPARATIVE GOVERNMENTS

A study of political and governmental institutions and trends, with special attention to England, France, Germany and Italy.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall

POL 203 POLITICAL AND CIVIL RIGHTS

A study of civil rights, focusing on the four freedoms included in the Bill of Rights; due process of law, substantive and procedural.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall

POL 210 AMERICAN POLITICAL PARTIES

The origin, organization and activities of political parties in the United States. Current political campaigns, issues and techniques will be stressed.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Spring

POL 215 INTERNATIONAL RELATIONS

A study of the theories and actions of the modern state system and national power as they relate to the international community.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall 1989

POL 251 HISTORY OF POLITICAL THOUGHT

A critical analysis of the political thought of selected writers, from Plato to Marx, relating their ideas to the political, social, and religious environment in which they arose, and indicating their continued significance.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall 1988, 1991

POL 252 MODERN POLITICAL THOUGHT

An analysis of the roots of modern democratic and non-democratic political thought, with emphasis on nineteenth century liberalism, Hegel, Marx, Nietzsche, and totalitarianism.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall 1990

POL 253 AMERICAN POLITICAL THEORY

A survey of the origin and impact of American political theorists from Puritan thought to the present.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall 1989

POL 280 CONSTITUTIONAL LAW

A study of the Constitution of the United States: its origin, theory,and development; a consideration of constitutional interpretation by the United States Supreme Court in leading constitutional decisions.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Spring

POL 290 ACTION PROGRAM IN POLITICAL SCIENCE

A political approach for active student participation in the presentation of programs on political topics. The program is under the supervision of a qualified faculty member.

Prerequisite: POL 102

Hours and credits to be determined by the program. On demand.

POL 293 AMERICAN URBAN POLITICS

An analysis of the conflicts and tensions in the structure of the urban political systems.

Prerequisite: POL 102

3 hours a week, 1 semester. On demand

POL 300 THE DYNAMICS OF POLITICS

An introduction to the complex and varied subjects of politics and government, and their relevance to our lives.

Prerequisite: POL 102 and permission of Department

3 hours a week, 1 semester, 3 credits. Fall 1988

POL 310 INTERNATIONAL LAW

The nature and scope of international law; the organization of the community of nations; selected substantive rules of international law.

Prerequisite: POL 102 and permission of Department

3 hours a week, 1 semester, 3 credits. Fall 1990

POL 348 RESEARCH METHODS
(SOC 348)

Theory and practice in the research process with emphasis on the statement of a problem, sampling, and various techniques of collecting and analyzing data.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

POL 381 SEMINAR IN POLITICAL SCIENCE

Intensive individual research of a topic of interest in the field of Political Science, terminating in a written report.

Prerequisites: POL 348, at least 12 credits in Political Science, and departmental approval.

1 semester, 3 credits. Spring



SOCIOLOGY-ANTHROPOLOGY

SOC 100 INTRODUCTORY SOCIOLOGY

A study of the basic concepts used in sociological analysis, particularly culture, types of social groups, processes of interaction, social class, population traits and trends.

3 hours a week, 1 semester, 3 credits. Fall and Spring

SOC 136 SOCIAL PROBLEMS

An examination of what society considers to be social problems with a view toward showing how society produces these phenomena and to what extent they are solvable. Areas include: crime, mental illness, drug abuse, alcoholism, other forms of deviance, poverty, racism, conflicts over power.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall and Spring

SOC 146 SEX ROLES IN CONTEMPORARY SOCIETY

Introductory review of economic, social and cultural changes that have modified the traditional definitions of femininity and masculinity in Western societies. Discussions include: socialization, sexual behavior, marriage and alternative life styles.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 149 ETHNIC STUDIES

An examination of race and ethnic relations in American society, including a discussion of assimilation vs. pluralism, minority status, group tensions, and the dynamics of prejudice and discrimination. The experience of historic and contemporary ethnic groups in New York will be explored.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 158 CRIMINAL JUSTICE ADMINISTRATION

An overview of the history, structure and function of the police, prosecutor, judicial, and correctional organizations, and their interrelatedness. Through case studies, policy issues such as sufficient evidence, use of discretion and legal concerns will be discussed.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 220 SOCIOLOGY OF DEVIANT BEHAVIOR

An examination of the various sociological approaches to understanding and explaining crime, delinquency, deviance, drug usage, and other alleged aberrations in society and culture. Additionally, major case studies will be examined.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 230 SOCIAL ORGANIZATIONS

A theoretical approach to the study of various organizations; examination of organizational structure and processes, role of environment, and interorganizational relations.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 1990, 1992

SOC 232 SOCIOLOGY OF THE PARANORMAL

A critical analysis of the methodology of parapsychology and other approaches to the study of psychic phenomena. The importance of the current interest in paranormal phenomena will be sociologically interpreted.

May not be offered for core curriculum.

3 credits. Summer

SOC 237 SOCIAL STRATIFICATION

Topics include: the values, life styles and ideologies of the various classes; the relationship of the classes to economic, political and educational institutions; changes in the class structure.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 238 SOCIAL PSYCHOLOGY

See Psychology 251.

SOC 239 SOCIOLOGY OF RELIGION

A theoretical examination of the character and internal structure of religious institutions, and their relationship with other institutions of society.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 240 INTRODUCTION TO SOCIAL WORK

Scientific approach to social work as a profession within the structure of modern society; its principles and application of concepts.

Techniques of observation, interviewing, elements of a social history, interpretation of case material. Methods of casework, group work, community organization; role of the social worker functioning in a variety of settings—as practitioner, as consultant to allied fields.

This is a pre-professional course and may not be offered for core curriculum.

3 hours a week, 1 semester, 3 credits. Fall

SOC 241 EXPERIENCE IN SOCIAL WORK

A planned field experience in a community social work agency; regular seminar meetings to evaluate, discuss and interpret this experience.

Prerequisite: SOC 240

Hours to be arranged, 1 semester, 3 credits. Spring

SOC 242 INTERNSHIP IN APPLIED SOCIOLOGY

Supervised placement in a corporate, governmental or other organization providing opportunity to apply sociological concepts and research techniques to relevant issues and problems for policy and planning decisions. Regular seminar meetings to evaluate, discuss, and interpret this experience.

Prerequisite: 15 credits toward the Certificate in Applied Sociology and departmental approval.

4 hours placement a week, 1 seminar hour, 1 semester, 3 credits. Fall

SOC 243 CRIMINOLOGY

An examination of sociological concepts, theories, and perspectives regarding the study of crime. Topics include: the amounts and trends of crime; theoretical explanations; policies of crime control.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 244 PENOLOGY

An investigation into the various punitive and rehabilitative methods and practices employed by the correctional field in dealing with crime and criminality.

Topics include: history of corrections; theories of punishment; effectiveness of rehabilitation.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 245 URBAN SOCIETY

Study of the scale and pace of urbanization both in and outside the United States, with special interest in the cities in the process of modernization; American city analyzed from the viewpoint of ecology.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 1989, 1991

SOC 250 SOCIAL CHANGE

Theories of social change will be examined in light of economic, social, political, and cultural transformations which characterize industrializing and modern industrial societies.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 1989, 1991

SOC 254 SOCIOLOGY OF YOUTH

A social-psychological analysis of adolescence and the changing position of youth in society throughout history. The course examines both social structural conditions that have created adolescence as a position of uncertainty and vulnerability in modern society, as well as diverse subcultures which youth have created as collective responses to this position.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 256 SOCIOLOGY OF EDUCATION

An examination of the institution of education and the structure, processes, and interaction patterns within it. Sociological theories are presented to analyze the relationship between education and social change and other major social institutions in American society.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 257 FIELD EXPERIENCE IN PUERTO RICO

A study of the culture and social organization of Puerto Rico through mainland workshops and participant observation on the Island.

2 credits. Not offered 1988-89

SOC 260 SOCIOLOGY OF SCIENCE

An investigation into the influence of social processes on the development and evolution of empirical and theoretical scientific knowledge.

Prerequisite: SOC 100; Restricted to upper division students; or with departmental approval.

3 hours a week, 1 semester, 3 credits. Fall 1989

SOC 265 SOCIOLOGY OF POPULAR CULTURE

An application of the theory and methodology of sociology to a study of popular culture in America. Content will include an analysis of institutional processes, which includes how, in the mass media, music, dance, movies, arts and literature, decisions are made, message systems are composed, and other institutions involved.

Prerequisite SOC 100

3 hours a week, 1 semester, 3 credits. Fall 1988, 1990

SOC 270 SOCIOLOGY OF HEALTH

An exploration of the social and cultural facets of health and illness, and the functioning of organizations involved in health care. The social behavior of health personnel and those who are the consumers of health care is stressed also.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 1990

SOC 280 SOCIOLOGY AND FICTION

A look at social phenomena from the imaginative eye of the fiction writer and the critical eye of the sociologist.

Topics include culture, collective behavior, race relations, family and religion. Readings selected from 20th century American novels and short stories.

Prerequisite: SOC 100

3 credits. Summer

SOC 285 SOCIOLOGY OF THE FAMILY

The family as a social institution examined in both historical and contemporary contexts with special emphasis on the American family patterns.

Prerequisite SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 347 SOCIOLOGICAL THEORY

The development and continuities of theoretical concepts and orientations in sociology against the intellectual and social backgrounds of their times. Differing schools of thought and representative works.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 348 RESEARCH METHODS
(POL 348)

Theory and practice in the research process with emphasis on the statement of a problem, sampling, and various techniques of collecting and analyzing data.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 350 APPLIED STATISTICS

An examination of statistical principles and techniques in the analysis of social science data. Application of computer software packages for statistical analysis will be emphasized.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 359 INDEPENDENT STUDY IN SOCIOLOGY

An opportunity for the student to do advanced work in a specialized area.

Open to juniors and seniors in Sociology Department, with departmental approval.

3 credits. On Demand

SOC 381 SEMINAR IN SOCIOLOGY

Intensive individual research of a topic of interest in the field of Sociology, terminating in a written report; weekly group discussions.

Prerequisite: SOC 348

2 hours a week, 1 semester, 3 credits. Spring

ANT 151 CULTURAL ANTHROPOLGY

The basic principles, fundamental ideas and insights of cultural anthropology will be examined through comparative ethnographic accounts. The view of humans as both the products and creators of their culture will be explored through an analysis of cultural variation and culture change.

3 hours a week, 1 semester, 3 credits. Fall

ANT 152 PHYSICAL ANTHROPOLGY

An exploration of the physical, behavioral, and cultural heritage of man from an evolutionary point of view. Broad topics will include an assessment of the relevance of primate behavior in understanding human behavior; theories on the origin of the human line; the evidence for human evolution in terms of stone tools and fossils.

3 hours a week, 1 semester, 3 credits. Spring 1990

ANT 261 ANCIENT NATIVE AMERICANS

A survey of American prehistory using both archaeological and ethnographic data, covering the past 30,000 years to the European invasion 500 years ago. The history, environment, culture, and social institutions characteristic of native Americans will be examined with the focus on adaptation and cultural development of pre-contact cultures.

Prerequisite: Anthropology 151

3 hours a week, 1 semester, 3 credits. Spring 1989

SPEECH COMMUNICATION

S. Grace Edna Rowland, M.A., *Departmental Representative*

The purpose of speech training is to provide students with the means for effective oral communication. Courses in the Speech Communication Department are planned so that students may develop confidence and poise, become better listeners, learn how to get and hold attention in speech situations, acquire the means of effectively expressing their convictions and receive training in the skills of interpretative reading and character portrayal. Training in the speech arts and sciences prepares students for a variety of careers in a society that is becoming increasingly dependent upon effective communication and more aware of those with communication handicaps.

Core Courses: Speech 102. Having fulfilled the prerequisite, students may offer other core courses: 117, 124, 132

Area of Concentration for Child Study Major:

Students in the Child Study Program who, upon graduation, wish to pursue a Master's Degree in Speech may choose an Area of Concentration in Speech Communication. The choices should be made with departmental guidance according to the student's interests.

Acceptance of transfer credits is at the discretion of the Chairperson.

Area of Concentration (21 Credits required)

Speech Pathology		***Communication Arts***	
SPC 102	3	SPC 102	3
SPC 212	3	SPC 106	3
SPC 219	3	SPC 117	3
SPC 222	3	SPC 124	3
SPC 223	2/3	SPC 132	3
SPC 320	3	SPC 135	3
SPC 324	2/3	SPC 230	3

An average grade of B- should be maintained by Speech area students.

SPC 110 SIGN LANGUAGE

Introduction to basic Signed English, receptive and expressive. Emphasis on manual alphabet, basic vocabulary and sentence structure.

Preference given to Seniors and Speech students.

This course may not be offered for the Core Curriculum.

2 hours a week, 1 semester, 2 credits. Fall and Spring

SPC 111 SIGN LANGUAGE II

Intermediate level of sign language with advanced vocabulary, paragraph work and storytelling.

Prerequisite: SPC 110

This course may not be offered for the Core Curriculum.

2 hours a week, 1 semester, 2 credits. Fall and Spring

SPC 114 VOICE AND ARTICULATION

Designed for the acquisition of improved enunciation and vocal skills. Rules for correct pronunciation, inflectional patterns and vocal projection are studied and practised.

This course may not be offered for the Core Curriculum.

2 hours a week, 1 semester, 2 credits. Fall and Spring

SPC 117 ORAL INTERPRETATION OF LITERATURE

The aim of the course is to stimulate the appreciation of literature through study and practice in the oral interpretation of poetry, narrative prose, and dramatic literature. Techniques of Reader's Theatre and Choral Speaking included.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall 1990, 1992

SPC 124 CHILDREN'S LITERATURE AND ORAL EXPRESSION

An appreciation of our rich heritage of children's literature through exposure to noted stories, authors and illustrators (both historic and modern). Experiences in storytelling and creative interpretation of children's literature through various media such as dramatics or puppetry.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall and Spring

SPC 132 FUNDAMENTALS OF ACTING

Fundamentals of acting including character analysis and pantomime. Improvisations and theatre games will provide opportunities for the application of theory.

3 hours a week, 1 semester, 3 credits. Fall

SPC 134 CREATIVE THEATRE TECHNIQUES

Concerned with broadening the avenues of impression and expression, and with analyzing the processes which lead to greater awareness of self and environment. For those who plan to teach, it offers an opportunity to develop creative strategies and to enhance the curriculum by use of theatre art as a tool. Course will include suggestions for use of drama in special education.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall

SPC 135 FUNDAMENTALS OF PLAY PRODUCTION

A study of the principles involved in the mechanical aspects of play production: organization and direction of amateur dramatic groups; practice in stage design and the business of house management.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall, Spring

SPC 212 PHONETICS

Detailed study of the phonemes of English; transcription of standard and non-standard pronunciations and dialects in the International Phonetic Alphabet

Prerequisite: SPC 102

2 hours and 1 laboratory hour a week, 3 credits. Fall 1989, 1991

SPC 219 SPEECH PATHOLOGY I

A study of the normal development of speech and language and the causes and symptoms of speech and language disorders. Functional disorders are given special emphasis.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall

SPC 221 LANGUAGE DEVELOPMENT AND LANGUAGE DISORDERS

An intensive study of current language development, theory and practice as advocated by leading researchers in the field.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall

SPC 222 AUDIOLOGY

A study of the nature of hearing loss—its causes and prevention. Consideration of medical and surgical treatment, prosthetic devices, and educational provisions.

Prerequisite: SPC 102

2 class hours and 1 laboratory hour a week, 1 semester, 3 credits. Fall 1989, 1991

SPC 223 SPEECH READING AND AUDITORY TRAINING

Study of the basic principles of speech reading and auditory training. Methods and materials in both areas and their application in the training of the acoustically handicapped.

Prerequisite: SPC 102

2 hours a week, 1 semester, 2 credits. One additional credit optional. Spring 1990, 1992

SPC 230 ADVANCED ACTING

Advanced study in sensory awareness, sense memory and character study for the preparation of a role. Basic vocal and body techniques will be employed to explore the psychophysical actions, objectives and superobjectives of characters. Theories of acting will be studied and put to practice in laboratory situations.

Prerequisite: SPC 132

3 hours a week, 1 semester, 3 credits. Spring

SPC 320 SPEECH PATHOLOGY II

An intensive study of major speech and hearing disorders. Diagnostic and remedial techniques. Organic speech pathologies emphasized.

Prerequisite: SPC 219

2 hours a week, 1 semester, 3 credits. Spring

SPC 321 CLINICAL PROCEDURE AND PRACTICE

Case demonstrations in diagnosis and remedial treatment. Supervised practice in clinical work.

Prerequisite: SPC 219

2 Class hours and 2 laboratory hours per week, 3 credits. Spring 1990, 1992

SPC 324 VOICE AND SPEECH SCIENCE

Study of the anatomy, physiology, and physics of the vocal and speech apparatus, as well as a survey of research in voice and speech science.

Prerequisite: SPC 102

2 hours a week, 1 semester, 2 credits. One optional additional credit for research project. Fall 1990, 1992

SPC 400 INTERNSHIPS

An internship program will provide students with work experience in a professional setting. The work will complement academic studies while providing practical experience. The intern will work jointly with a supervisor from the work setting and a faculty member from the college. The student will spend eight hours per week in a theater or other communication setting which will provide an experience in performing, management, technical theater or broadcasting. No remuneration will be accepted by the student.

Prerequisites - Juniors or Seniors with a 2.75 cumulative index and the permission of the department. The student's talents and aptitude will be taken into consideration. The course is an elective and may be taken only once. 100 hours in professional setting, 1 seminar hour per week, 1 semester, 3 credits Fall and Spring.

CO-CURRICULAR WORKSHOP IN DRAMATICS may be offered for academic credit in accordance with the policy that "students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Art Club, Music, Dramatics, and Men's/ Women's Varsity Basketball." Consult Moderator and Director of Clare Rose Playhouse.



INTERDISCIPLINARY COURSES

The courses listed in this section are interdisciplinary in nature. Members of the different departments teach the appropriate section of each course. The departments to which they may be credited are listed.

ENG 112 CLASSICAL LITERATURE
CLA 112

A study of the human experience as reflected in the work of the great classical writers, such as Homer, Hesiod, Sophocles, Cicero and Virgil. The influence of the classics on western literature will be examined. This course may be credited to Classics or English.

3 hours a week, 1 semester, 3 credits. Fall 1988

HIS 122 THE GLORY THAT WAS GREECE:
CLA 122 THE GRANDEUR THAT WAS ROME

An in-depth study of the Greco-Roman culture and civilization. Special attention will be given to the political, social, economic and cultural life of both peoples against the world setting in which they both rose, flourished and declined. This course may be offered for History or Classics requirement.

3 hours a week, 1 semester, 3 credits. Fall and Spring

HUM 100 FRESHMAN SEMINAR

Designed to provide an introduction to the liberal arts experience and to assist in the development of knowledge, skills, and attitudes helpful to success in college. Topics include: self concept; clarification of goals; relational, communication, and study skills; critical analysis; various academic disciplines; expanding horizons through required participation in selected extracurricular, social, and aesthetic experiences.

Required of all Freshman.

2 hours a week, 1 semester, 3 credits, Fall and Spring.

HUM 102 THE CATHEDRAL OF BOURGES

An interdisciplinary course involving the artistic, cultural, philosophical, scientific, and socio-literary dimensions of a single treasure: the Cathedral of Bourges.

This course may be offered toward the Humanities requirement of the Core Curriculum.

2 or 3 credits. Not offered 1988-89

HUM 400 ADULTS IN TRANSITION
GS 400

Designed for adults, this seminar has two interrelated goals: 1) to provide the opportunity for self-exploration and understanding, and 2) to support the development of a life, career, and educational plan. Selected readings and group exercises will focus on adult issues such a predictable adult stages and crises, career exploration and development, life style determination, decision making, moral and ethical development, life pattern differences between men and women, values and the creation of meaningful, realistic personal goals.

3 hours a week, 1 semester, 3 credits. Pass/Fail. Fall and Spring

PHI 154 SOURCES OF GREAT WESTERN IDEAS
CLA 154

A study of the classical origins of Western philosopy in Greece and Rome with special emphasis on its relevance for modern times.

Course may be credited to Philosophy or to the Classics.

3 hours a week, 1 semester, 3 credits. Fall and Spring

SCI 135 NUTRITION AND PERSONAL HEALTH

A basic nutrition course in which the roles of nutrients, vitamins, minerals, and fiber are considered in the context of personal health. The non-science major will evaluate diets, health foods, 'junk' foods, and calorie expenditures.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Fall and Spring Lab fee—$20

SCI 150 INTRODUCTION TO PHYSICAL SCIENCE

An investigation into the physical sciences designed for the non-science major. This course, which provides insights into modern developments in the areas of physics, chemistry, astronomy, and earth science, is especially appropriate for students whose professional goal is education.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Fall, Spring, Summer Lab fee—$30
(includes laboratory manual)

CERTIFICATE PROGRAMS

St. Joseph's College, Suffolk Campus, offers the following certificate programs, which are registered with the New York State Education Department. The certificate programs allow students to combine courses in their major field and/or in electives in order to develop knowledge and skill in a particular area oriented to a career interest.

All credits for the certificate programs must be taken at St. Joseph's College; any exception would require departmental approval. A cumulative index of 2.0 is required for most certificates.

Descriptions of the courses listed below may be found in the appropriate department sections of this catalogue.

CERTIFICATE IN CRIMINOLOGY / CRIMINAL JUSTICE

The program is geared towards students interested in pursuing a career within the field of criminal justice. Students will receive both theoretical and practical exposure to the system, and will develop widely applicable skills in research design and data analysis.

Required Courses for Certificate		24 credits
SOC 100	Introductory to Sociology	
SOC 158	Criminal Justice Administration	
POL 203	Political and Civil Rights	
SOC 243	Criminology	
SOC 244	Penology	
SOC 347	Sociological Theory	
SOC 348	Research Methods	
SOC 350	Applied Statistics (or equivalent)	
Total Required for Certificate		24 credits

CERTIFICATE IN DATA AND INFORMATION PROCESSING

This certificate is designed to provide an introduction to the computer and its applications. Specifically, students will learn common uses of the microprocessor such as word processing, will develop essential programming skills, and will apply this knowledge to frequently encountered tasks within their professional areas.
A cumulative index of 2.3 required for this certificate

Required Courses for Certificate		6 credits
COM 150	Introduction to Computers (or equivalent)	
COM 284	Microprocessor Applications	

Elective Courses for Certificate 6 credits

Business Track:

BUS 286 Business Programming I
(COM 286) (Prerequisite: A computer course)

BUS 287 Business Programming II
(COM 287) (Prerequisite: BUS 286)

BUS 288 Business Systems and Design
(COM 288) (Prerequisite: A computer course)

Liberal Arts Track:

COM 152 Computer Programming (formerly MAT 152)
(Prerequisite: COM 150 or permission of department)

COM 154 Applications of the Computer (formerly MAT 154)
(Prerequisite: COM 150 or permission of department)

Total Required for Certificate 12 credits

CERTIFICATE IN GERONTOLOGY

This program of multidisciplinary studies in the field of aging will enable students pursuing various careers to function more effectively as service providers to older adults.

Required Courses for Certificate 9 credits

REC 276 Gerontology
PSY 230 Adult Development and Aging
(Prerequisite: PSY 100)
RS 145 Theology of Death and Dying

An Approved Gerontological Field/Clinical Experience 3 credits

PSY 370 Introduction to Clinical Psychology
(Prerequisite: PSY 100, 271, permission of instructor)
REC 482 Community Field Experience I
(Prerequisites: REC 171, 252, 253, or permission of instructor)
REC 483 Therapeutic Field Experience I
(Prerequisites: REC 252, 253, 277, or permission of instructor)
SOC 241 Experience in Social Work
(Prerequisite: SOC 240)

Total Required for Certificate 12 credits

CERTIFICATE IN LEADERSHIP AND HUMAN RESOURCES DEVELOPMENT

This certificate is designed to improve supervisory and managerial effectiveness. Through selected courses and a case-study orientation, the participants will learn to apply prominent theories and practices in employee management and development to commonly encountered problems and situations.

A cumulative index of 2.3 required for this certificate.

Required Courses for Certificate — 9 credits

BUS 100 Process of Management
BUS 130 Organizational Behavior
(Prerequisite: BUS 100)
BUS 230 Human Resources Management
(Prerequisite: BUS 100)

Elective Courses for Certificate — 3 credits

BUS 221 Labor Economics
(Prerequisite: ECO 120)
PSY 185 Industrial Psychology

Total Required for Certificate — 12 credits

CERTIFICATE IN MANAGEMENT

This program is designed to educate students for the management of organizations in the business, non-profit, or public sectors; the latter includes the operations of the federal, state, and local government. It is available to students pursuing any major.

A cumulative index of 2.3 required for this certificate.

Required Business Courses — 12 credits

BUS 100 Process of Management
ACC 110 Principles of Accounting
BUS 130 Organizational Behavior
(Prerequisite: BUS 100)
BUS 230 Human Resources Management
(Prerequisite: BUS 100)

Elective Business Courses — 9 credits

Three additional courses in Business

Required Courses in Related Fields — 6 credits

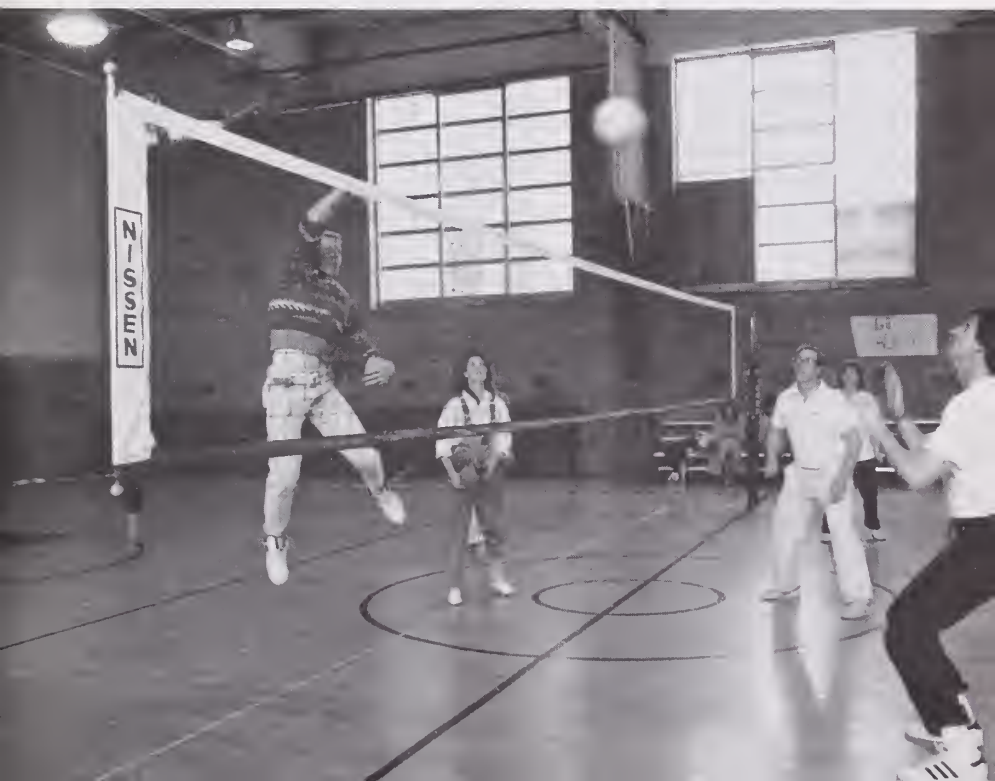
ENG 103 Writing for Effective Communication
COM 150 Introduction to Computers

Total Required for Certificate — 27 credits

CERTIFICATE IN APPLIED SOCIOLOGY

The program provides students with the opportunity of learning how to apply social science theories and research methods to organizational needs and issues and eventually to policy and planning decisions. Students will be exposed to occupational positions in formal organizations in which business and social policies are formed and implemented.

Required Courses for Certificate		15 credits
SOC 100	Introductory Sociology	
SOC 230	Social Organization	
SOC 347	Sociological Theory	
SOC/POL 348	Research Methods	
SOC 350	Applied Statistics (or equivalent)	
An Approved Field Experience		3 credits
SOC 241	Experience in Social Work	
SOC 242	Internship in Applied Sociology	
Elective Sociology Courses		6 credits
Two additional courses in Sociology		
(May not include SOC 232 and SOC 280)		
Total Required for Certificate		24 credits



CAREER READINESS TRACKS

1. Communication Arts 172
2. Community Services 173
3. Counseling and Guidance 174
4. Government Services 175
5. Human Services 176
6. Leisure Studies 177
7. Mathematics 178
8. Mental Health Worker 179
9. Public Relations and Advertising 181
10. Religious Leadership Studies 182
11. Theatre 183
12. Youth Services 184

The Career Readiness Tracks are designed to help students utilize their elective credit in a way most beneficial to prepare them to enter the world of employment. Students are invited but *not required* to pursue one or more career readiness tracks.

The Career Tracks combine offerings of the liberal arts with introductory professional courses enabling students to explore several areas more or less related to their chosen major fields. These tracks should motivate students to enter a career-oriented field at a paraprofessional level while pursuing further study, particularly where

openings in their major fields may not be immediately available. In any event, these tracks are intended to provide enrichment and broadening experiences for those who have chosen to pursue a rich liberal arts curriculum and fairly intensive pre-professional academic programs.

The Career Readiness Tracks are listed in the following pages with cross references to the appropriate academic departments. Specific professional courses may be described here, however, where they apply. All courses listed here may also be used for purely elective credit. Students who complete the requirements of one or more of these career readiness tracks will receive appropriate certificates and notations on their transcripts.



THE COMMUNICATION ARTS

This track will provide not only an aesthetic, but a professional introduction to communication in its varied modes: the spoken word, the written word, art, theatre, dance, and film. In this way it will serve as a broad liberal arts base and as a sound preparation for further professional and academic studies.

Total Credits Required: 21

A brief description of each course noted below may be found in the appropriate Department listing.

Courses required for certification in this Career Track:

Art 185	ART AS COMMUNICATION	3 credits
English 104	NARRATIVE WRITING	3 credits
Philosophy 123	THE ART OF THINKING	3 credits
Speech 106	SPEECH COMMUNICATION IN ORGANIZATIONS	3 credits

Nine credits may be chosen from these courses according to the student's interest:

Art 195	INTRODUCTION TO CALLIGRAPHY	3 credits
Art 280	PHOTOGRAPHY AS AN ART	3 credits
Business 208	PUBLIC RELATIONS	3 credits
English 106	INTERMEDIATE FICTION WRITING	3 credits
English 107	ADVANCED FICTION WRITING	3 credits
English 108	JOURNALISM	3 credits
English 111	LANGUAGE OF FILM	3 credits
Speech 117	ORAL INTERPRETATION *Prerequisite: Speech 102*	3 credits

COMMUNITY SERVICES

The Community Service Track is designed to prepare students to participate in programs of service to individuals and groups in the community.

Total Credits Required: 15

A brief description of each course noted below may be found in the appropriate Department listings.

Courses required for certification in this Career Track:

Sociology 240 INTRODUCTION TO SOCIAL WORK 3 credits

Sociology 241 EXPERIENCE IN SOCIAL WORK 3 credits
Prerequisite: Sociology 240

An additional nine credits may be selected from the following courses:

Child Study 121 EXCEPTIONAL CHILD 3 credits

Psychology 230 ADULT DEVELOPMENT & AGING 3 credits
Prerequisite: Psychology 100

Psychology 325 INTRODUCTION TO BEHAVIOR MODIFICATION 3 credits
Prerequisite: Psychology 100

Psychology 370 INTRODUCTION TO CLINICAL PSYCHOLOGY 3 credits
Prerequisite: Psychology 271 and permission of the instructor.

Sociology 136 SOCIAL PROBLEMS 3 credits
Prerequisite: Sociology 100

Sociology 149 ETHNIC STUDIES 3 credits
Prerequisite: Sociology 100

Sociology 243 CRIMINOLOGY 3 credits
Prerequisite: Sociology 100

COUNSELING AND GUIDANCE

The Counseling and Guidance Track is designed to provide background, skills and critical abilities in counseling and guidance for careers related to human services.

Total Credits Required: 18

A brief description of each course noted below may be found in the appropriate Department listings.

Courses required for certification in this Career Track:

Psychology 360 COUNSELING PSYCHOLOGY 3 credits
Prerequisite: Psychology 100

At least one course in developmental psychology selected from the following is required:

Child Study 101 CHILD PSYCHOLOGY AND DEVELOPMENT I 3 credits

Child Study 102 CHILD PSYCHOLOGY AND DEVELOPMENT II 3 credits

Psychology 125 ADOLESCENT PSYCHOLOGY 3 credits

Psychology 230 ADULT DEVELOPMENT AND AGING 3 credits
Prerequisite: Psychology 100

The remaining courses may be selected from the following or those above according to the student's interest:

Philosophy 125 PHILOSOPHY OF THE PERSON 3 credits

Philosophy 236 PHILOSOPHY, PSYCHOLOGY AND PSYCHOANALYSIS 3 credits
Prerequisite: Psychology 124

Psychology 271 ABNORMAL PSYCHOLOGY 3 credits
Prerequisite: Psychology 100

Psychology 300 PSYCHOLOGICAL TESTING 3 credits
Prerequisite: Psychology 100

GOVERNMENT SERVICES

This career track is designed to prepare the student for federal, state and municipal examinations open to them at the B.A. level. These examinations in turn provide eligibility for a large variety of government careers.

Total Credits Required: 18

A brief description of each course noted below may be found in the appropriate Department listings.

Courses required for certification in this Career Track:

History 150 AGE OF HOPE AND DISILLUSIONMENT TWENTIETH CENTURY WORLD — 3 credits

History 172 AMERICAN HERITAGE II — 3 credits

Political Science 103 AMERICAN GOVERNMENT—FEDERAL — 3 credits
Prerequisite: POL 102

Political Science 104 STATE AND LOCAL GOVERNMENT — 3 credits
Prerequisite: POL 102

The remaining six credits may be selected from the following courses:

Business 130 ORGANIZATIONAL BEHAVIOR — 3 credits

Economics 226 MICROECONOMICS — 3 credits
Prerequisite: Economics 120

History 152 CONTEMPORARY INTERNATIONAL PROBLEMS — 3 credits

History 166 ENGLAND SINCE 1688 — 3 credits

History 310 AMERICAN FOREIGN POLICY — 3 credits

Philosophy 123 THE ART OF THINKING — 3 credits

Sociology 136 SOCIAL PROBLEMS — 3 credits
Prerequisite: Sociology 100

Students are urged to enrich the Government Services Curriculum by the study of the following, but credit for these courses will not be included for Career Track credit:

Economics 122 STATISTICS 3 credits
or
Psychology 290 INTRODUCTION TO STATISTICS 3 credits

Computer Science 150 INTRODUCTION TO COMPUTERS 3 credits

HUMAN SERVICES

The Human Services Track prepares students for careers in which they will be dealing with people in a humanistic way in a variety of social contexts.

Total Credits Required: 18

A brief description of each course noted below may be found in the appropriate Department listing.

Courses required for certification in this Career Track:

Psychology 150 GROUP DYNAMICS AND COMMUNICATION 3 credits

Psychology 251 SOCIAL PSYCHOLOGY 3 credits
Prerequisite: Psychology 100

Sociology 136 SOCIAL PROBLEMS 3 credits
Prerequisite: Sociology 100

Nine credits may be selected from the following courses according to the student's interest:

Psychology 125 ADOLESCENT PSYCHOLOGY 3 credits

Psychology 230 ADULT DEVELOPMENT AND AGING 3 credits
Prerequisite: Psychology 100

Psychology 360 COUNSELING PSYCHOLOGY 3 credits
Prerequisite: Psychology 100

Sociology 146 SEX ROLES IN CONTEMPORARY SOCIETY 3 credits
Prerequisite: Sociology 100

Sociology 149 ETHNIC STUDIES 3 credits
Prerequisite: Sociology 100

Sociology 240 INTRODUCTION TO SOCIAL WORK 3 credits

Sociology 241 EXPERIENCE IN SOCIAL WORK 3 credits
Prerequisite: Sociology 240

Sociology 245 URBAN SOCIETY 3 credits
Prerequisite: Sociology 100

Sociology 254 SOCIOLOGY OF YOUTH 3 credits
Prerequisite: Sociology 100

LEISURE STUDIES

This track is designed to provide technical, artistic and critical skills for careers in the general field of leisure.

Total Credits Required: 18

A brief description of each course noted below may be found in the appropriate Department listings.

The following courses are required for certification in this Career Track:

Recreation 150 FOUNDATIONS OF LEISURE SERVICES 3 credits

Philosophy 126 PHILOSOPHY OF PLAY 3 credits

The remaining twelve credits may be selected from the following course offerings:

Art 163 CRAFTS AS AN ART FORM 3 credits

Art 186 CERAMICS 2 or 3 credits

Art 195 INTRODUCTION TO CALLIGRAPHY 3 credits

Art 280 PHOTOGRAPHY AS AN ART 3 credits

Music 108 OPERA 3 credits

Psychology 230 ADULT DEVELOPMENT AND AGING 3 credits
Prerequisite: Psychology 100

Recreation 171 COMMUNITY RECREATION 3 credits

Recreation 253 RECREATION FOR SPECIAL POPULATIONS 3 credits

MATHEMATICS

This track is designed to stimulate an understanding and appreciation for mathematics that will provide a foundation for further study as well as preparation for many technical fields.

Total Credits Required: 14

A brief description of each course noted below may be found in the appropriate Department listings.

Courses required for certification in this Career Track:

Mathematics 205 CALCULUS AND ANALYTIC GEOMETRY I 4 credits
Prerequisite: MAT 113 or equivalent

Mathematics 206 CALCULUS AND ANALYTIC GEOMETRY II 4 credits
Prerequisite: MAT 205

To complete the required credits, choose two of the following course offerings.

Mathematics 203 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE 4 credits

Mathematics 246 PROBABILITY AND STATISTICS 3 credits
Prerequisite: MAT 206 or MAT 201

Mathematics 356 LINEAR ALGEBRA 3 credits
Prerequisite: MAT 206 or MAT 201

A minimum grade of C must be earned in each of these courses.

MENTAL HEALTH WORKER

This career track in Mental Health Work is designed for the student who wishes to work as a nonprofessional in the mental health services, and for the student who contemplates graduate work in any of the related mental health professions: clinical or counseling psychology, occupational or recreational therapy, social work, mental health rehabilitation, gerontology, etc. The program combines a solid foundation in the concepts and procedures of mental health work with opportunities for field experience, if the student so desires.

Total Credits Required: 21

A brief description of each course noted below may be found in the appropriate Department listings.

Courses required for certification in this Career Track:

Biology 112 BIOLOGICAL CONTROL SYSTEMS 3 credits

Psychology 271 ABNORMAL PSYCHOLOGY 3 credits
Prerequisite: Psychology 100

Psychology 360 COUNSELING PSYCHOLOGY 3 credits
Prerequisite: Psychology 100

At least one course in Developmental Psychology selected from the following is required

Child Study 101	CHILD PSYCHOLOGY DEVELOPMENT I	3 credits
Child Study 102	CHILD PSYCHOLOGY DEVELOPMENT II	3 credits
Pyschology 125	ADOLESCENT PSYCHOLOGY	3 credits
Pyschology 230	ADULT DEVELOPMENT AND AGING *Prerequisite: Psychology 100*	3 credits

Nine credits may be offered from the following courses according to the student's interest:

Art 163	CRAFTS AS AN ART FORM	3 credits
Art 226	INTRODUCTION TO ART THERAPY	3 credits
Child Study 121	THE PSYCHOLOGY OF THE EXCEPTIONAL CHILD	3 credits
Child Study 323	CHILDREN WITH LEARNING DISABILITIES	3 credits
Music 226	MUSIC THERAPY	3 credits
Psychology 150	GROUP DYNAMICS AND COMMUNICATION	3 credits
Psychology 290	INTRODUCTION TO STATISTICS	3 credits
Psychology 370	INTRODUCTION TO CLINICAL PSYCHOLOGY *Prerequisite: Psychology 100*	3 credits
Sociology 240	INTRODUCTION TO SOCIAL WORK	3 credits
Sociology 241	EXPERIENCE IN SOCIAL WORK *Prerequisite: Sociology 240*	3 credits

PUBLIC RELATIONS AND ADVERTISING

This track is directed toward the person interested in a business-oriented career with a special emphasis on Public Relations and Advertising. The development of creative approaches to idea presentation and problem solving will be stressed.

Total Credits Required: 18

A brief description of each course noted below may be found in the appropriate Department listings.

Courses required for certification in this Career Track:

Business 204 MARKETING PROMOTION AND ADVERTISING — 3 credits
Prerequisite: Business 200

Business 208 PUBLIC RELATIONS — 3 credits

Art 267 DESIGN WORKSHOP — 3 credits

Nine credits may be chosen from these courses as background:

Art 195 INTRODUCTION TO CALLIGRAPHY — 3 credits

Art 280 PHOTOGRAPHY AS AN ART — 3 credits

Business 100 PROCESS OF MANAGEMENT — 3 credits

English 104 NARRATIVE WRITING — 3 credits

English 108 JOURNALISM — 3 credits

Computer Science 150 INTRODUCTION TO COMPUTERS — 3 credits

Psychology 185 INDUSTRIAL PSYCHOLOGY — 3 credits

Psychology 251 SOCIAL PSYCHOLOGY — 3 credits
Prerequisite: Psychology 100

Sociology 265 SOCIOLOGY OF POPULAR CULTURE — 3 credits

RELIGIOUS LEADERSHIP STUDIES

This track is designed to meet the emerging religious needs of individuals and communities as they look forward to the twenty-first century. It will offer preparation for leadership in developing forms of ministry.

Total Credits Required: 18

A brief description of each course noted below may be found in the appropriate Department listings.

Courses required for certification in this Career Track:

Religious Studies 123	NEW TESTAMENT	3 credits
Religious Studies 134	CHRISTIAN WORSHIP AND SACRAMENTS	3 credits
Religious Studies 151	CONTEMPORARY APPROACHES TO MORALITY	3 credits

Nine credits may be offered from the following, according to a student's interest:

Child Study 231	RELIGIOUS DEVELOPMENT OF CHILDREN	3 credits
Education 267	RELIGIOUS DEVELOPMENT AND EDUCATION OF ADOLESCENTS	2 credits
English 116	RELIGION IN LITERATURE	3 credits
Religious Studies 122	HEBREW SCRIPTURES - OLD TESTAMENT	3 credits
Religious Studies 130	FAITH: BELIEVER AND UNBELIEVER	3 credits
Religious Studies 145	THEOLOGY OF DEATH & DYING	3 credits
Religious Studies 147	CHRISTIAN MARRIAGE	3 credits
Religious Studies 154	ISSUES OF WAR AND PEACE	3 credits

Religious Studies 164	AMERICAN PROTESTANTISM	3 credits
Religious Studies 165	JUDAISM	3 credits
Religious Studies 171	CONTEMPORARY MESSAGE OF THE NEW TESTAMENT	
Religious Studies 173	QUEST FOR GOD	3 credits

THEATRE

This career program offers the student an appreciation of drama and an experience in the various aspects of stage performance and productions.

Total Credits Required: 20

A brief description of each course noted below may be found in the appropriate Department listings.

Courses required for certification in this Career Track:

Speech 114	VOICE AND ARTICULATION	2 credits
Speech 134	CREATIVE THEATRE TECHNIQUES *Prerequisite: SPC 102*	3 credits
Speech 132	FUNDAMENTALS OF ACTING *Prerequisite: SPC 102*	3 credits
Speech 135	FUNDAMENTALS OF PLAY PRODUCTION *Prerequisite: SPC 102*	3 credits

The remaining nine credits may be selected from the following course offerings:

Dance 101	TECHNIQUE AND SOURCES OF MODERN DANCE	3 credits
English 113	INTRODUCTION TO DRAMA	3 credits
English 231	COMEDY	3 credits
English 232	TRAGEDY	3 credits

English 332 THE BEST OF SHAKESPEARE 3 credits

Speech 117 ORAL INTERPRETATION OF LITERATURE 3 credits
Prerequisite: SPC 102

Speech 230 ADVANCED ACTING 3 credits
Prerequisite: SPC 132

YOUTH SERVICES

The Youth Services Track provides a psychological and sociological orientation to work with children and/or youth in the helping professions.

Total Credits Required: 18

A brief description of each course noted below may be found in the appropriate Department listings.

Courses required for certification in this Career Track:

Psychology 125 ADOLESCENT PSYCHOLOGY 3 credits

Sociology 254 SOCIOLOGY OF YOUTH 3 credits
Prerequisite: Sociology 100

The remaining twelve credits may be selected from the following course offerings:

Child Study 101 CHILD PSYCHOLOGY AND DEVELOPMENT I 3 credits

Child Study 102 CHILD PSYCHOLOGY AND DEVELOPMENT II 3 credits

Education 115 EDUCATIONAL PSYCHOLOGY 3 credits

Psychology 271 ABNORMAL PSYCHOLOGY 3 credits
Prerequisite: Psychology 100

Psychology 360 COUNSELING PSYCHOLOGY 3 credits
Prerequisite: Psychology 100

Sociology 136 SOCIAL PROBLEMS 3 credits
Prerequisite: Sociology 100

Sociology 149 ETHNIC STUDIES 3 credits
Prerequisite: Sociology 100

Sociology 240 INTRODUCTION TO SOCIAL WORK 3 credits

Sociology 241 EXPERIENCE IN SOCIAL WORK 3 credits
Prerequisite: Sociology 240

Sociology 243 CRIMINOLOGY 3 credits
Prerequisite: Sociology 100



TRAVEL DIRECTIONS

TRAIN: Long Island Rail Road to Patchogue Station.

CAR:
Coming East: **Travel East** on the Long Island Expressway to Exit 61 onto Patchogue-Holbrook Road, South to Sunrise Highway (Rte. 27). Turn Left on Rte. 27, 1000 feet to College entrance on right.

or

Travel **East** on Southern State Parkway to Exit 44, Sunrise Highway East (Rte. 27). Continue on Sunrise Highway to 1000 feet beyond Waverly Avenue.

Coming South: Travel **South** on Veterans Highway or Patchogue-Holbrook Road to Sunrise Highway. Travel **East** on Sunrise (Rte. 27) to 1000 feet beyond Waverly Avenue.

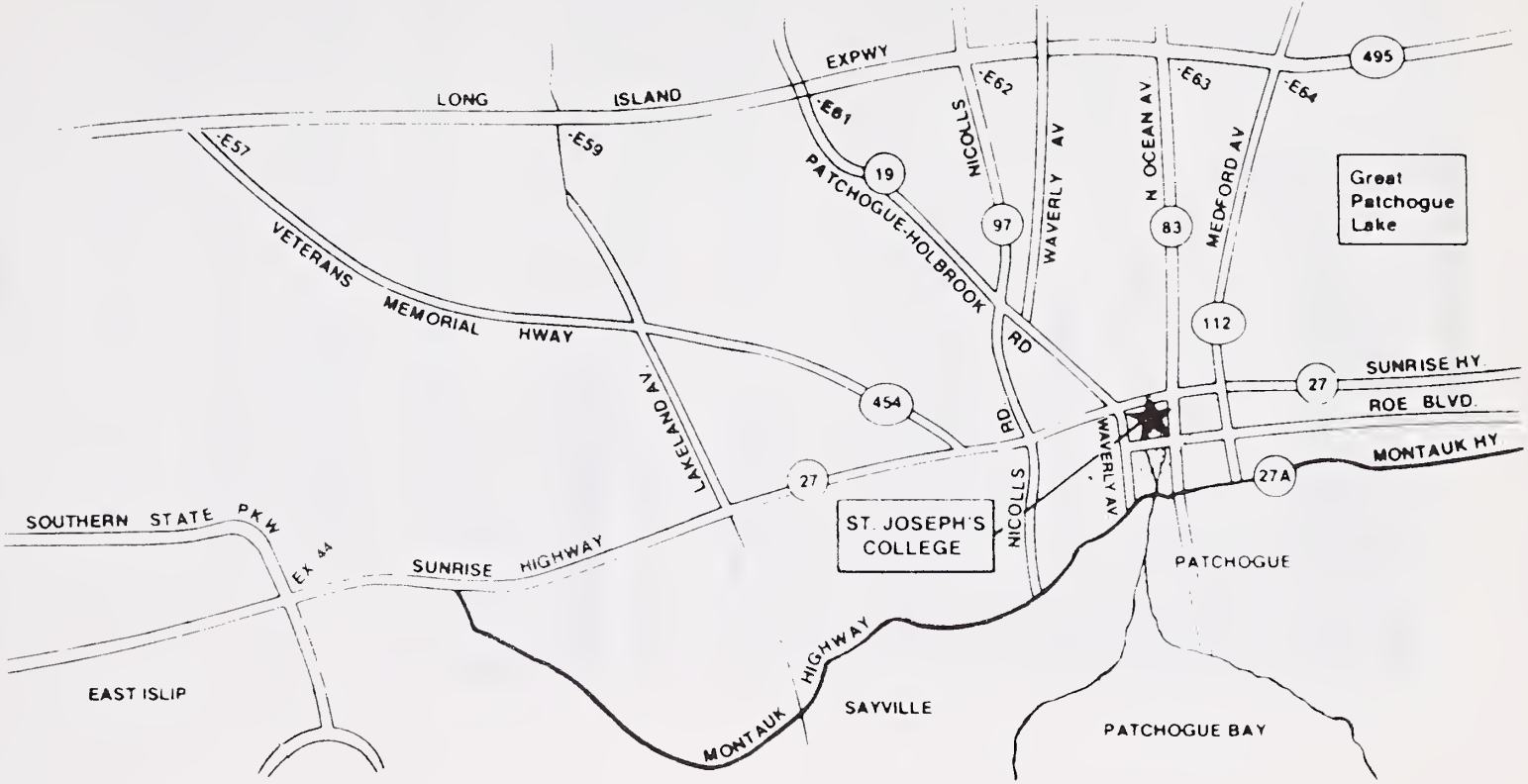
or

Coming West: Travel **West** on Sunrise Highway (Rte. 27) past Ocean Avenue and continue to 1000 feet ***before*** Waverly Avenue (next light). Turn left onto College property.

PLANE: To nearby MacArthur Airport.

AREA MAP

Area Map of Patchogue Vicinity



REGISTERS

BOARD OF TRUSTEES

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S. Katherine Burke, M.S.	Head Teacher
S. Patricia Dittmer, M.S., P.D.	Head Teacher
Linda Fisk, B.A.	Head Teacher
Pamela McNeela, B.A.	Head Teacher
Mona O'Connor, M.A.	Teacher-Director, Special Class
Eileen O'Donnell, M.S.	Head Teacher
Rose Alicea	Assistant Teacher
Debra Gonsalves	Assistant Teacher
Louise Green, A.A.	Assistant Teacher, Special Class
Denise Tighe	Assistant Teacher

Standing Committees of the College

List of committees and chairpersons will be found in *Faculty* and *Student Handbooks.*

Alumni Association

The College is committed to the belief that its responsibility to its graduates never ends. For this reason, it supports Alumni religious, cultural, and social activities wholeheartedly and offers to the Association the use of its facilities and the benefit of its assistance. The Alumni Office is located in the Administration Building at the Main Campus, with a representative at the Suffolk Campus.

The Alumni Association of St. Joseph's College is organized to promote the interest of the College by continuing the close relationship between the college and its former students that was developed during their undergraduate days. Its membership includes all those upon whom the College has conferred a degree and those who have matriculated and indicated a desire to remain associated with the College.

It is governed by an Executive Board composed of fifteen elected alumni, who work in conjunction with the Director of Alumni Relations and the Chapter Chairpersons. The Alumni Association provides a scholarship aid program for sons and daughters and other relatives of alumni at the discretion of the Alumni Scholarship Fund Committee. A magazine, *Alumnagram*, is published twice yearly for the more than 10,000 alumni.

INSTRUCTIONAL PROGRAMS

Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards. The following programs have been registered by the New York State Education Department for St. Joseph's College-Suffolk Campus in Patchogue.

Program Title	HEGIS Code	Degree Awarded	Certificate/License Title	Type
Biology	0401	BS	Bio/GenSci 7-12	Prov
Biology	0401	BA	Bio/GenSci 7-12	Prov
Business Administration, Accounting	0502	BS	CPA	Lic Qual
Business Administration	0506	BS		
*Management of Human Resources	0515	BS		
Elementary Teacher N-6	0802	BA	N-6	Prov
Teachers of Special Education	0808	BA	Special Educ	Prov
Elementary Education N-6 & Special Edu	0808	BA	N-6 Special Educ	Prov Prov
*Health Administration	1202	BS		
*Nursing	1203.10	BS		
*Community Health	1299	BS		
Child Study	1305	BA		
English	1501	BA		
English 7-12	1501.01	BA	English 7-12	Prov
Psychology	2001	BA		
Recreation	2103	BS		
Social Sciences	2201	BA		
Human Relations	2201	BA		
Social Studies 7-12	2201.01	BA	Social Stud 7-12	Prov
History	2205	BA		
*General Studies	4901	BS		
**Management	5004	CERT		
**Leadership & Human Resources Development	5004	CERT		
**Data and Information Processing	5101	CERT		
*Health Staff Development	5201	CERT		

*Administered through the Division of General Studies

**Available in both the College of Arts and Sciences and the Division of General Studies

INSTRUCTIONAL PROGRAMS

Program Title	HEGIS Code	Degree Awarded	Certificate/License Title	Type
*Health Instruction	5201	CERT		
*Health Counseling	5201	CERT		
*Home Care Admin.	5299	CERT		
**Criminology/ Criminal Justice	5505	CERT		
**Applied Sociology	5506	CERT		
**Gerontology	5506.20	CERT		

*Administered through the Division of General Studies

**Available in both the College of Arts and Sciences and the Division of General Studies

Estimated Number of Part-Time Faculty
Patchogue Campus

Department			
Art	4	Mathematics	8
Biology	1	Music	1
Business	10	Philosophy	3
Chemistry	2	Physical Education	3
Child Study	21	Physics	1
Dance	1	Political Science	2
Earth Science	2	Psychology	4
Economics	1	Recreation	1
Education	2	Religious Studies	4
English	6	Sociology/Anthropology	2
French	1	Spanish/Italian	2
History	3	Speech Communication	8

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